

St. Jude Children's Research Hospital Children's Healthcare of Atlanta/Emory University Children's Hospital at Stanford Children's Hospital of Columbus Children's Hospital of Orange County Children's Hospital of Philadelphia Children's Hospital of Los Angeles Children's Hospital of Pittsburgh Children's Hospitals & Clinics of Minnesota, Minneapolis and St. Paul Children's Medical Center of Dallas Children's National Medical Center City of Hope National Medical Center Dana-Farber Cancer Institute Loma Linda Universitv Mattel Children's Hospital at UCLA Mavo Clinic Memorial Sloan-Kettering Cancer Center Miller Children's Hospital Riley Hospital for Children - Indiana University Roswell Park Cancer Institute Seattle Children's Hospital St. Louis Children's Hospital Texas Children's Hospital The Denver Children's Hospital Toronto Hospital for Sick Children UAB/The Children's Hospital of Alabama University of California at San Francisco University of Michigan - Mott Children's Hospital University of Minnesota U.T.M.D. Anderson Cancer Center



and

UNIVERSITY OF MINNESOTA

Thank you for participating in the Long-Term Follow-Up Study. Your participation continues to provide us with valuable information in the fight against childhood cancer and similar illnesses.

It has been about four years since we sent you our last general survey and we would like to update your information. Please fill out the following form that will bring us up-to-date on your health in the past two years. The length of time to complete varies between individuals, but generally requires 30-60 minutes.

You can be assured that we will respect your privacy at all times. Your name or other identifiers will not be used in any report of our findings, or released to any person or agency, except study investigators.

Your generosity in participating is greatly appreciated.

Sincerely,

The LTFU study staff

The questions in this booklet relate to:

Person completing this questionnaire is:

Our mailing address is: Long-Term Follow-Up Study St. Jude Children's Research Hospital Department of Epidemiology Mail Stop 735 262 Danny Thomas Place 38105-3678

> Toll-free phone number: 1-800-775-2167

e-mail: LTFU@stjude.org

www.stjude.org/ltfu

Edit

Please!	Do	not	mark	below	this	line

Today's date:

Self

Your relationship:

Parent

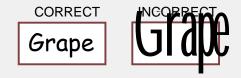
Survey #009

Code

Other:

Please follow these rules in completing this questionnaire. If you have any questions about completing this questionnaire, please call 1-800-775-2167.

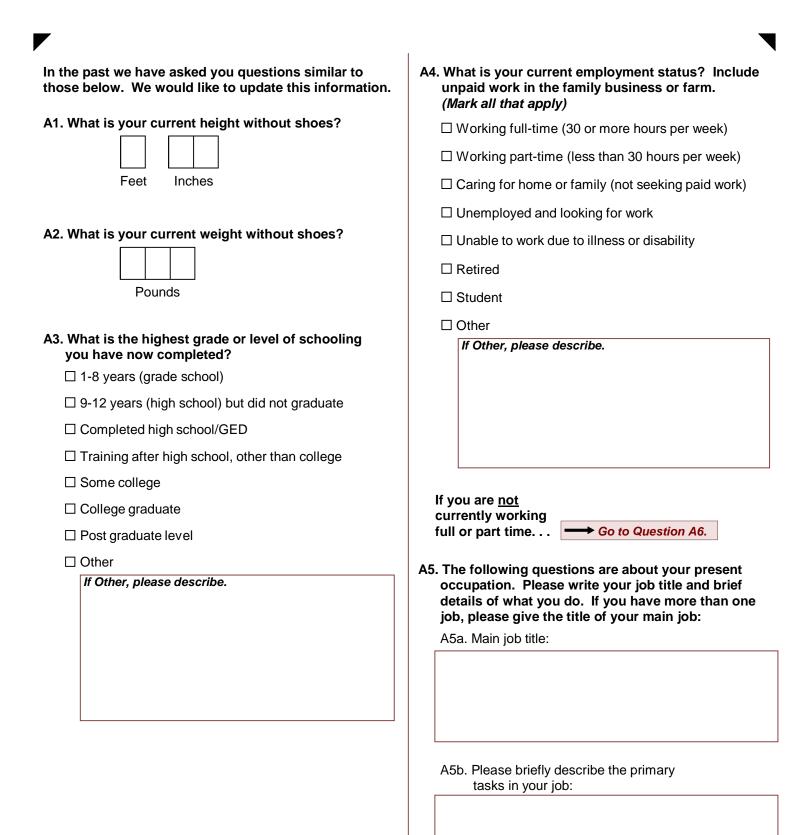
- 1. Use a black ballpoint pen or a number 2 black pencil. Do not use a felt-tip or roller-ball pen. These may cause smudging. If you must erase answers, erase them completely.
- 2. When marking boxes, make an x inside the box (see examples below).
- 3. Make no stray marks of any kind. Please keep the form as clean as possible.
- 4. Written responses must stay within the boxes provided:



MARKING EXAMPLES

Below are some examples of how to fill out this questionnaire. Please look these over before you begin

Exa	mple 1				
	During the past month, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, bicycling, swimming, wheelchair basketball, or walking for				
	exercise?		Not	sure	
[□No 🛛 Yes		Yes		
	mple 2	No			If yes, age at first use
2. F	lave you ever taken				years
	BIRTH CONTROL PILLS such as Demulen, Lo-Ovral, Loestrin, Norinyl, Norplant, Ortho-Novum, Ovral, Triphasil) If yes, specify the name of the drug(s) or indicate you do not know the specific name	 X			
	MEDICATIONS TO LOWER CHOLESTEROL OR TRIGLYCERIDES, such as Zocor, Pravachol, Lipitor, Colestid (colestipol), Tricor, Lescol, Lopid (gemfibrozil), Mevacor, niacin, or Lorelco		X		34
Exa	mple 3				
	When was this condition diagnosed?				
з.					
	04 1995				
	Month (mm) Year (yyyy)				
_		_	_	_	





A6. Over the last year, what was the total income of the <u>household</u> you live in?

- □ Less than \$20,000
- □ \$20,000 \$39,999
- □ \$40,000 \$59,999
- □ \$60,000 \$79,999
- □ \$80,000 \$99,999
- □ Over \$100,000
- Don't know

A7. During the past year, how many people in this household were supported on this income?

□ 1	□ 4	□ 7
□ 2	□ 5	□ 8
□ 3	□ 6	🗆 9 or more

A8. Over the last year, what was your personal income?

□ None

- □ Less than \$20,000
- □ \$20,000 \$39,999
- □ \$40,000 \$59,999
- □ \$60,000 \$79,999
- □ \$80,000 \$99,999
- □ Over \$100,000

MEDICAL CARE

The next questions are about health care received during the 2 year period between November 2007 and November 2009.

- B1. During this two year period, which of the following health care providers (excluding dentists) did you see or talk to for medical care? This includes routine and sick care. (Mark all that apply)
 - □ None → Go to Question B5, next page.
 - □ Physician (including Osteopath)
 - □ Nurse Practitioner/Physician's Assistant
 - □ Nurse
 - □ Chiropractor
 - D Physical therapist
 - □ Other

If Other, please describe.

B2. Where did you receive your health care? (Mark all that apply)

- □ Doctor's office
- □ Oncology (cancer) center or clinic
- □ Other type of clinic
- □ Hospital
- Emergency room or urgent care center
- □ Long-term follow-up clinic
- □ Other

If Other, please describe.

4



B3. During this 2 year period, how many times did you see a physician?

□ None

□ 1-2 times

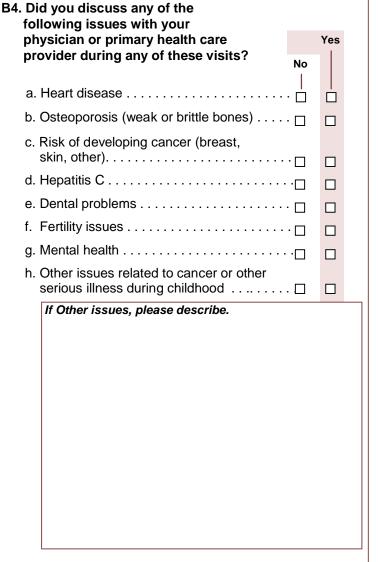
□ 3-4 times

 \Box 5-6 times

□ 7-10 times

□ 11-20 times

□ More than 20 times



B5. Do you currently have health insurance coverage?

Canadian resident

🗆 No

□ Yes

MEDICAL SCREENING TESTS

The following questions are about medical screening tests you may have received.

When was the last time you had . . .

- C1. An echocardiogram (ultrasound of the heart to look at the heart muscle and heart valves) or MUGA scan?
 - □ Never
 - □ Less than 1 year ago
 - □ 1-2 years ago
 - $\hfill\square$ More than 2 years but less than 5 years ago
 - \Box 5 or more years ago
 - □ Don't know
- C2. A test to measure your bone strength or bone mineral density (such as a DEXA or quantitative CT scan)?
 - □ Never
 - Less than 1 year ago
 - □ 1-2 years ago
 - □ More than 2 years but less than 5 years ago
 - \Box 5 or more years ago

□ Don't know



C3. A blood stool test is a test that may use a special kit at home to determine whether the stool contains blood.

When was the last time that you had a blood stool test using a home kit?

- □ Never
- Less than 1 year ago
- □ 1-2 years ago
- □ More than 2 years but less than 5 years ago
- □ 5 or more years ago
- Don't know
- C4. Sigmoidoscopy and colonoscopy are exams in which a tube is inserted in the rectum to view the colon for signs of cancer or other health problems.

When was the last time you had either of these exams?

□ Never

Less than 1 year ago

- □ 1-2 years ago
- □ More than 2 years but less than 5 years ago
- □ 5 or more years ago
- □ Don't know

FEMALES

E3 —

When was the last time you had ...

C5. A mammogram?

- □ Never
- Less than 1 year ago
- □ 1-2 years ago
- □ More than 2 years but less than 5 years ago
- \Box 5 or more years ago
- Don't know

C6. A breast MRI?

- □ Never
- □ Less than 1 year ago
- □ 1-2 years ago
- \Box More than 2 years but less than 5 years ago
- □ 5 or more years ago
- □ Don't know

C7. A pap smear (test for cancer of the cervix)?

- □ Never
- Less than 1 year ago
- □ 1-2 years ago
- □ More than 2 years but less than 5 years ago
- \Box 5 or more years ago
- Don't know

Continue on next page.



C8. Please indicate all medicines/drugs you took <i>regularly</i> during the two-year period between November 2007 and November 2009.						
 We are only asking about medicines/drugs which you took consistently for more than one month, or for 30 days or more in a year. 				If yes, age at first use	If y are curre taking	you ently
 Please list only drugs prescribed by a doctor and filled by a pharmacist. Include pills, syrups, injections, patches, or creams. 		Not :	sure			ese?
- Please do NOT include medicines/drugs that you bought without a prescription (over-the-counter drugs).	No	Yes			No	Yes
 BIRTH CONTROL PILLS such as Demulen, Lo-Ovral, Loestrin, Norinyl, Norplant, Ortho-Novum, Ovral, Triphasil 	🗆			years		
If yes, specify the name of the drug(s) or indicate you do not know the specific name						
 ESTROGENS OR PROGESTERONES (FEMALE HORMONES) such as Estrace, Estraderm, Premarin, Provera, Medroxyprogesterone, Vivelle If yes, specify the name of the drug(s) or indicate you do not know the specific name 	🗆					
3. TESTOSTERONES (MALE HORMONES) such as Androgel, Delatesteral, Testosterone cypionate, Testosterone enanthate						
4. PILLS OR INSULIN FOR DIABETES such as Glucophage (metformin), Glucotrol (glipizide), Glynase (glyburide), Prandin, Amaryl, Avandia, Actos, or insulin injections (such as Humulin, Novolin, Lantus) If yes, specify the name of the drug(s) or indicate you do not know the specific name						
5. MEDICATIONS FOR HIGH BLOOD PRESSURE OR HYPERTENSION such as hydrochlorothiazide (HCTZ), Dyazide (triamterene/HCTZ), Tenormin (atenolol), Lopressor (metoprolol), Zestril or Prinivil (lisinopril), Vasotec (enalapril), Cozaar, Hyzaar, Diovan, or others	🗆					

Please! Do not mark below this line

C8	. (Cont.) Please indicate all medicines/drugs you took <i>regularly</i> during the two-year period between November 2007 and November 2009.						
	 We are only asking about medicines/drugs which you took consistently for more than one month, or for 30 days or more in a year. 				If yes, age at first use	If y are curre taking	you ently
	- Please list only drugs prescribed by a doctor and filled by a pharmacist. Include pills, syrups, injections, patches, or creams.		Not	sure		of th	ese?
	- Please do NOT include medicines/drugs that you bought without a prescription (over-the-counter drugs).	No	Yes			No	Yes
	MEDICATIONS TO LOWER CHOLESTEROL OR TRIGLYCERIDES such as Lovastatin, Zocor (simvastatin), Pravachol (pravastatin), Crestor, Lipito Zetia, Tricor, Vytorin, gemfibrozil	r,			years		
	If yes, specify the name of the drug(s) or indicate you do not know the specific name						
	MEDICATIONS FOR HEART CONDITIONS, INCLUDING ANGINA, CORONARY ARTERY DISEASE, CONGESTIVE HEART FAILURE, OR IRREGULAR HEART BEAT	C					
_	THYROID MEDICATIONS such as Synthroid (levothyroxine or L-thyroxine Levothroid, or others	;), [_					
_	MEDICATIONS FOR DEPRESSION such as Prozac (fluoxetine), Serzone Celexa, Zoloft, Wellbutrin, Effexor, Desyrel (trazodone), or Vivactil If yes, specify the name of the drug(s) or indicate you do not know the specific name		1 🗆				
	D. OTHER PRESCRIBED DRUGS If yes, specify the name of the drug(s) or indicate you do not know the specific name and specify the reason the drug was prescribed.	 	I 🗆				

Please! Do not mark below this line

Medical Conditions

The next series of questions relate to medical conditions that you have ever had. You may have previously told us about some of these conditions. We are asking again to make sure our records are current and to capture occurrences of new medical conditions.

Please indicate, by marking the box (either "No", "Yes", or "Not sure") if a doctor or other health care professional has told you that you have or have had any of the following conditions. If you answer "yes", please give your age when the condition first occurred. (If more than one occurrence, please give age at first occurrence.)

Because we need definite responses, it is very important to mark an answer for each question, even if you have never had that condition. Please do not leave any questions blank (unmarked).

HEARING/VISION/SPEECH

Have you ever been told by a doctor or other health care professional that you have, or have had...

care professional that you have, or have had									lf yes, age at first
	Not sure			Yes, but the condition is no longer present					
	Yes, but the condition is no longer present			Yes, and the condition is stil	l prese	ent			
	Yes, and the condition is still present age at fin occurrent			egally blind in both eyes?	No				years
-	No No years		D9. L	If yes, do you					
D1.	Hearing loss requiring a Image: Algorithm of the second secon			have any sight? □ No □ Yes					
D2.	Deafness in both ears not completely corrected by	-	D10. (Cataracts?					
D3.	hearing aid?	_		Glaucoma (excess pressure in the eyeball)?					
-	completely corrected by hearing aid?			Problems with double vision?					
	Tinnitus or ringing in the ears?			A detached retina or any other condition of the retina?					
D5.	Persistent dizziness or vertigo?		I	f yes, describe this problem.	_		_		
D6.	Hearing loss, not requiring Image: Constraint of the second s								
D7.	Any other hearing problems?]					_		
	If yes, describe this problem.			Crossed or turned eyes (strabismus)?					
			D15. L	_azy eye (amblyopia)?	· 🗆				
			1	Any other trouble seeing with one or both eyes even					
				when wearing glasses?	·□				
			(drops or ointment?					
D8.	Legally blind in only one eye?]		Any other eye problems?					
	<i>If yes,</i> do you have any sight in this eye? □ No □ Yes	_		f yes, describe this problem.					

Have you ever been told by a doctor or other health care professional that you have, or have had...

Not sure

Please! Do not mark below this line

Remember, it is very important that you mark an answer for each of the following questions, even if you have never had that condition.

Have you ever been told by a doctor or other health care professional that you have, or have had. . .

			Not :	sure			Yes, and the o
	Yes, but the condition is no longer Yes, and the condition is still pre	-	1		If yes, age at first occurrence	F1.	An overactive t (hyperthyroid)?
D19. S	No │ Stammering or stuttering? □				years	F2.	An underactive gland (hypothy
D20. A	Any other speech defects? \Box					F3.	Thyroid nodule
1	f yes, describe this defect.					F4.	Swollen or enla thyroid gland?
						F5.	Diabetes that c controlled with
						F6.	Diabetes contr pills or tablets?
L D21. /	Abnormal sense of taste?					F7.	Diabetes contr insulin shots? .
	Loss of taste or smell lasting for 3 months or more? \ldots					F8.	Deficiency of g hormone?
URI	NARY SYSTEM					F9.	Have you rece injections of gr hormone (such
							Nutropin, Geno Humatrope, No Saizen)?
a	EPEATED (more than 3 in ny 12 month period) kidney r bladder infections? □					F10	. Osteoporosis osteopenia (th
E3. D)ialysis?□						or fragile bone
E4. B	lood in your urine?					F11	. Have you ever bone?
E5. U	Irinary incontinence?						If yes, describ
bl	ny other kind of kidney, ladder or urinary tract isorder? □						
lf	yes, describe this disorder.						
						F12	. Any other horr problems?
							lf yes, describ
						I	

HORMONAL SYSTEMS

Have you ever been told by a doctor or other health care professional that you have, or have had. . .

	Not sure							
	Yes, but the condition is no longer		If yes, age at first					
	Yes, and the condition is still pres	sent			occurrence			
	No				years			
F1.	An overactive thyroid gland (hyperthyroid)?							
F2.	An underactive thyroid gland (hypothyroid)?□							
F3.	Thyroid nodules? $\ldots \ldots$							
F4.	Swollen or enlarged thyroid gland? □							
F5.	Diabetes that can be controlled with diet?							
F6.	Diabetes controlled with pills or tablets? \ldots							
F7.	Diabetes controlled with insulin shots? □							
F8.	Deficiency of growth hormone?□							
F9.	Have you received injections of growth hormone (such as Nutropin, Genotropin, Humatrope, Norditropin, Saizen)?							
F10	. Osteoporosis or osteopenia (thin, brittle, or fragile bones)?							
F11	. Have you ever broken a bone? □							
	If yes, describe <u>all</u> occurrences							
F12	. Any other hormonal problems?							
	If yes, describe this problem.							

Please! Do not mark below this line -





F13. **FEMALES** - Have you had a menstrual period naturally, that is, without needing hormones or medication?

🗆 No	□ Yes	If yes, age at first occurrence:

If no, \longrightarrow Go to Question F15.

F14. **FEMALES** - At what age did you last have a menstrual period naturally, without needing hormones or medication?

- F15. FEMALES Which one of the following statements best describes you? (Select only one)
 - a. I am having regular periods and I am not taking birth control pills or female hormones (example: Premarin, estrogen)
 - □ b. I am having regular periods but I am using birth control pills to prevent a pregnancy
 - c. My menstrual periods are irregular and I am taking birth control pills or female hormones to regulate my periods
 - □ d. I am currently pregnant
 - e. I am not having menstrual periods naturally but I am taking birth control pills or female hormones
 - □ f. I am not having menstrual periods naturally and I am not taking birth control pills or female hormones

□ g. Other

If Other, please describe.

If you selected a, b, c, or d \longrightarrow Go to Question G1. If you selected e, f, or g \longrightarrow Go to Question F16.

- F16. **FEMALES** What caused your menstrual periods to stop? **(Select only one)**
 - \Box Normal or early menopause
 - □ Surgery (example: a hysterectomy)
 - □ Pregnancy
 - Don't know
 - □ Other

If Other, please describe.

F17. MALES -

LTFU Questionnaire on Men's Health

We are conducting an additional study funded by the Lance Armstrong Foundation to better understand fertility and sexual function in males. Participation would require 30-40 minutes. Because some of the questions are of a personal nature we would send you a separate questionnaire. Would you consider participating?

□ Yes	🗆 No	□ Not Sure

Remember, it is very important that you mark an answer for each of the following questions, even if you have never had that condition.

HEART AND CIRCULATORY SYSTEM

Have you ever been told by a doctor or other health care professional that you have, or have had...

		Yes, but the condition is no longer present	If yes, age at first
		Yes, and the condition is still present	occurrence
	((No No No cardiomyopathy Image: Second s	years
s		A myocardial infarction heart attack)?	
	l l	rregular heartbeat or palpitations, (Arrhythmia) requiring medication or ollow-up by a doctor?	
	G4. (Coronary heart disease?	
		If yes, describe this problem.	
	l F	Hypertension (high blood pressure) requiring medication? Image: state stat	

- Please! Do not mark below this line

Remember, it is very important that you mark an answer for each of the following questions, even if you have never had that condition.

Have you ever been told by a doctor or other health care professional that you have, or have had...

			Not	sure		
	Yes, but the condition is no longe	r pre	sent		[]	RE
	Yes, and the condition is still pre	esent			If yes,	Have
du he	No ngina pectoris (chest pains ue to lack of oxygen to the eart requiring medication uch as nitroglycerin)?				age at first occurrence years	care
	ericarditis or fluid around e heart?					
(s	ericardial constriction carring or tightness of the ac around the heart)?□					H1. A H2. C of
G9. St	iff or leaking heart valves?. \Box					m
	lood clot in head, lung, rm, leg, or pelvis? □					H3. H ex
cl b	oes exercise cause severe hest pain, shortness of reath, or irregular heart eat?□					H4. P tir H5. E
tr	igh cholesterol (or iglyceride) requiring rescription medication? □					H6. L of H7. P
	<i>If yes,</i> do you currently take medication for this? □ No □ Yes					w m H8. A pi
	ny other heart or irculatory problems? $\dots \square$					
If	yes, describe this problem.					

G14. Has anyone in your immediate family (biological mother, father, brothers, sisters) had a heart attack before the age of 55?



RESPIRATORY SYSTEM

Have you ever been told by a doctor or other health care professional that you have, or have had. . .

			Not :	sure	
	Yes, but the condition is no longer	. pres	sent		If yes, age at first
	Yes, and the condition is still pre-	sent			occurrence
	No				years
H1. A	sthma?				
of	hronic cough or shortness breath for more than one				
	onth?				
	ave you had a need for tra oxygen? □				
	neumonia, 3 or more nes in the past 2 years? \ldots				
15. E	mphysema?				
	ung fibrosis or "scarring" the lung? \ldots				
w	roblems with breathing hile at rest that lasted for ore than 3 months? $\dots \dots$				
	ny other breathing or lung oblems? □				
h	f yes, describe this problem.				

It is very important that you mark an answer for each of the following questions, even if you have never had that condition.

DIGESTIVE SYSTEM

Have you ever been told by a doctor or other health

care professional that you have, or have had							hand, foot?						
						If yes, specify (example: left hand, right foot).							
	Vee but the end difference of		Not	sure	If yes, age at first								
	Yes, but the condition is no lon		- 1 - I		occurrence								
	Yes, and the condition is still	lo lo			Voara								
11.	Hepatitis?		□ oply	 	years		Scoliosis surgery (insertion of rods or other methods to straighten the spine)?						
	 Hepatitis A Hepatitis B Hepatitis C Don't know Other 					J3.	Other surgery of spinal cord or spine?	· 🗆					
	Cirrhosis of the liver?												
13.	Any other liver trouble?					J4.	Leg lengthening or shortening procedures?						\square
						J5.	Joint replacement?						
							If yes, specify.					<u> </u>	
14.	Intestinal (colon) polyps?					J6.	Other bone surgery?	· 🗆					
15.	Fatty liver?						If yes, specify.						
I6.	Esophageal strictures (narrowing of the												
	esophagus)?												
	Rectal or anal fistula?												
	Rectal or anal stricture (narrowing or scarring)?					J7.	Coronary artery bypass surgery?	· 🗆					\square
19.	Any other stomach or digestive trouble?					J8.	Pericardiectomy (stripping of the sac around the heart)?						

SURGICAL PROCEDURES

Not sure

Yes

No

If yes,

age at first

occurrence

years

Please indicate if you

have ever had any of

the following surgical

J1. Amputation of an arm, leg,

procedures done.



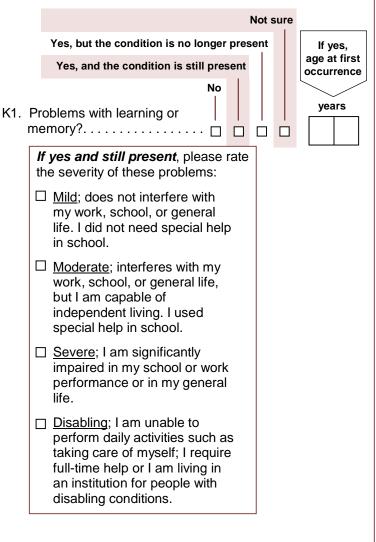
It is very important that you mark an answer for each of					Please indicate if you							
th	the following questions, even if you have never had that condition.					hav	e ever had any of		Not	sure	If yes, age at first	
- th	at condition.						following surgical cedures done.		Yes	5	occurrence	
hav the	ase indicate if you ve ever had any of following surgical ocedures done.		Nots Yes	ure	If yes, age at first occurrence		Any lung surgery?				years	
	Heart catheterization ("heart cath")?	Ì			years							
J10.	Angioplasty (enlarging a heart vessel using a balloon)?	_	_	_								
J11.	Surgery for heart valve replacement?						Periodontal (gum) surge Heart transplant?					
J12.	Surgery for pacemaker?						_ung transplant?					
J13.	Other heart surgery?						Kidney transplant?					
	If yes, specify.					J28. l	_iver transplant?	•••• [
						J29. E	Bone marrow transplant	?[
						J30. (Other organ transplant?					
							If yes, specify transplan	t.				
J14.	Surgery for intestinal obstruction (blocked intestines)?											
J15.	Colostomy or ileostomy (stool going into a bag)?					131 (Cataract surgery?	r				
J16.	Biopsy or removal of lump in thyroid gland?						ales					
J17.	Removal of part or all of the thyroid gland?					J32. F	Removal of one ovary?.	[
J18.	Removal of the spleen?					J33. F	Removal of both ovaries	? [
J19.	Ventriculoperitoneal (VP) shunt (tube from the brain to the abdomen under the						Removal of uterus? emales → Go to Questi					
	skin) that removes excess spinal fluid?					J35. F	Removal of one testis?.	r				
J20.	Breast biopsy?						Removal of both testes?					
J21.	Breast-conserving or breast-sparing surgery (lumpectomy)?						Any other surgery?					
J22.	Mastectomy or removal of a breast?						lf yes, specify surgery.					

Please! Do not mark below this line

Just a reminder - it is very important that you mark an answer for each of the following questions, even if you have never had that condition.

BRAIN AND NERVOUS SYSTEM

Have you ever been told by a doctor or other health care professional that you have, or have had...



Have you ever been told by a doctor or other health care professional that you have, or have had. . .

		l	Not s	sure	lf
	Yes, but the condition is no longer	pres	ent		If yes, age at first
	Yes, and the condition is still pres	ent			occurrence
	No Epilepsy, repeated seizures, │ convulsions, or blackouts? □	 			years
	If yes, describe this problem and l	ist n	nedi	catio	ons.
	<i>If yes,</i> are you currently taking medication for this? □ No □ Yes				
K3. I	Migraine?				
K4. (Other severe headaches? \Box				
	<i>If yes, list medications if required</i>	to c	conti	rol.	

Continue on next page.

Just a reminder - it is very important that you mark an answer for each of the following questions, even if you have never had that condition.

Have you ever been told by a doctor or other health

care professional that you have, or have had						Yes, and the condition is still present
Not sure					No	
	Yes, but the condition is no longer	pres	sent		If yes,	K14. Have you had a stroke?
	Yes, and the condition is still pre-	sent			age at first occurrence	If yes, as a result of the stroke
K5.	Problems with balance, equilibrium, or ability to reach for or manipulate objects?				years	a. Did the symptoms last more than 24 hours?
	<i>If yes and still present</i> , please the severity of these problems:	rate				b. Did it affect: Speech
	☐ <u>Mild;</u> does not affect walking or my daily routine.					Only one side of the body . Image: Construction of the body . Image: Construction of the body . Both sides of the body . Image: Construction of the body . Image: Construction of the body .
	 Moderate; it is bothersome an affects my walking but I am able to do my daily routine. 	d				c. Did you lose consciousness?
	Severe; this problem significantly affects my walking and my daily routine.					d. Did you have weakness or inability to move arm(s)?
	☐ <u>Disabling;</u> I require a wheelchair or cannot walk					e. Did you have weakness or inability to move leg(s)?
	because of this problem.					f. Did you have paralysis of any kind?
K6.	Tremors or problems with movements? □					If yes, describe this problem.
K7.	Problems chewing or swallowing solids or liquids? \Box					
K8.	Decreased sense of touch or feeling in hands, fingers, arms or legs? □					
K9.	Prolonged pain in arms, legs or back?□					K15. Any other brain or nervous system problems?
K10	. Abnormal sensation in arms, legs or back? \dots					If yes, describe this problem.
K11	. Weakness or inability to move arm(s)? □					
K12	. Weakness or inability to move leg(s)? □					
K13	. Paralysis of any kind?					

Have you ever been told by a doctor or other health

Not sure

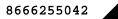
lf yes,

age at first

care professional that you have, or have had...

Yes, but the condition is no longer present

Please! Do not mark below this line



Questions L1 to L18 relate to the past 7 days.

Below is a list of problems people sometimes have. Please read each one carefully and mark the box that best describes how much that problem has <u>distressed</u> <u>or bothered you during the past 7 days</u> including today.

Mark only one answer for	Extremely								
each problem and try not to skip any items.	Quite a bit								
to skip any terns.		Moderately							
	А	little	e bit						
	Not a	t all							
L1. Nervousness or shaking inside									
L2. Faintness or dizziness									
L3. Pains in heart or chest									
L4. Thoughts of ending your life									
L5. Suddenly scared for no reason									
L6. Feeling lonely									
L7. Feeling blue									
L8. Feeling no interest in things									
L9. Feeling fearful									
L10. Nausea or upset stomach									
L11. Trouble getting your breath									
L12. Numbness or tingling in parts of your body									
L13. Feeling hopeless about the ful	ture								
L14. Feeling weak in parts of your b	ody .								
L15. Feeling tense or keyed up									
L16. Spells of terror or panic									
L17. Feeling so restless you couldn't sit still									
L18. Feelings of worthlessness									
L19. In general, would you say your health is:									
Very good									

- Good
- 🗆 Fair
- Poor

L20. How much <u>bodily</u> pain have you had during the <u>past 4 weeks</u>?

 $\Box \text{ None } \longrightarrow \text{ Go to Question M1, next page.}$

□ Very mild

- □ Mild
- □ Moderate
- □ Severe
- □ Very severe
- L21. During the <u>past 4 weeks</u>, how much did <u>pain</u> interfere with your normal work (including both work outside the home and housework)?
 - \Box Not at all
 - □ A little bit
 - □ Moderately
 - Quite a bit
 - □ Extremely

L22. For pain that you have had during the <u>past 4</u> <u>weeks</u>, where has this pain been located? (Check all that apply)

- □ Head
- Neck
- Chest
- □ Hands/Arms
- □ Abdomen
- Back
- Pelvis
- □ Legs/Feet
- □ Other

Specify



MARITAL STATUS

 M1. What is your current living arrangement? (Mark all that apply) Live with spouse/partner Live with parent(s) Live with roommate(s) Live with brother(s) and/or sister(s) Live with other relative(s) (not including minor children) Live alone 	Alcohol N1. In your entire life, have you ever had at least 2 drinks of any kind of alcoholic beverage? □ No → Go to Question N7, next page. □ Yes N2. How old were you when you first started drinking alcohol?
□ Other Specify	N3. During the last 12 months, <u>how many</u> alcoholic drinks did you have on a typical day when you drank alcohol? <i>(If less than one per day, enter 0.)</i>
 M2. Which of the following best describes your <u>current</u> marital status? □ Single, never married or never lived with partner as married 	WineBeerMixed drink(4 oz. glass):(12 oz. can):(1 shot):Image: Constant of the state of
 Married Living with partner as married Widowed 	N4. During the last 12 months, what is the largest number of drinks you had on any single day? Was it 24+ drinks
 Divorced Separated or no longer living as married 	□ 12-23 drinks □ 8-11 drinks □ 5-7 drinks
M3. How many times have you been married or lived as married? 1 2 3 4 5 6 7 8 9+ 0 0 0 0 0 0 0 0 0	☐ 4 drinks ☐ 3 drinks ☐ 2 drinks ☐ 1 drink

HEALTH HABITS

N5.	During the last 12 months, <u>how often</u> did you usually have any kind of drink containing alcohol?	N9. Do you smoke cigarettes now? □ No					
	□ Every day	□ Yes					
	□ 5 to 6 times a week						
	□ 3 to 4 times a week	N10. On average, how many cigarettes a day do/did you smoke?					
	□ twice a week						
	□ once a week						
	\Box 2 to 3 times a month						
	□ once a month	N11. How many years, in total, have you smoked?					
	\Box 3 to 11 times in the past year						
	\Box 1 or 2 times in the past year						
	\Box Never in the past year	N12. If you currently smoke, how many times in the past 12 months have you tried to quit smoking and not smoked for at least 24 hours?					
N6.	During the last 12 months, how often did you have <u>5 or more</u> (males) or <u>4 or more</u> (females) drinks containing any kind of alcohol in a single day?						
	□ Everyday						
	\Box 5 to 6 days a week	N13. In the past year, have Regularly use					
	\Box 3 to 4 days a week	you ever used any of Occasionally use these tobacco products? No longer use					
	□ two days a week	(Mark all that apply) Never used					
	□ one day a week	Chewing tobacco					
	\Box 2 to 3 days a month						
	\Box one day a month	Pipes					
	\Box 3 to 11 days in the past year	Cigars					
	\Box 1 or 2 days in the past year						
	\Box Never in the past year						
		N14. For any of those that 11+ years					
<u>Sm</u>	oking	you have used or 5 - 10 years are currently using,					
N7.	Have you smoked at least 100 cigarettes in the previous two years?	how long have you used it? 1 - 2 years					
	□ No → Go to Question N13.	Less than 1 year Image: Im					
	↓ ↓	Pipes					
N8.	If you started smoking since you last provided us this information on %N8date%, how old were you when you started smoking?	Cigars					

Physical Activity

The following questions are about exercise, recreation, or physical activities other than your regular job duties.

N15. During the past month, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, bicycling, swimming, wheelchair basketball, or walking for exercise?

🗆 No

□ Yes

We are interested in two types of physical activity: vigorous and moderate.

- Vigorous activities cause <u>large</u> increases in breathing or heart rate.
- Moderate activities cause <u>small</u> increases in breathing or heart rate.
- N16. Now thinking about the <u>vigorous physical</u> <u>activities you do in a usual week</u>, do you do vigorous activities for at least 10 minutes at a time, such as running, aerobics, wheelchair basketball, heavy yard work, or anything else that causes large increases in breathing or heart rate?

🗆 No	Go to Question N19.
□ Yes	

N17. How many <u>days per week</u> do you do these vigorous activities for at least 10 minutes at a time?

Days per week

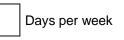
N18. On days when you do vigorous activities for at least 10 minutes at a time, how much total time per day do you spend doing these activities?

Minutes per day

N19. Now, thinking about the <u>moderate physical</u> <u>activities you do in a usual week</u>, do you do moderate activities for at least 10 minutes at a time, such as brisk walking, bicycling, gardening, manual operation of a wheelchair, or anything else that causes small increases in breathing or heart rate?



N20. How many days per week do you do these moderate activities for at least 10 minutes at a time?



N21. On days when you do <u>moderate activities</u> for at least 10 minutes at a time, how much total time per day do you spend doing these activities?



N22. Because of any impairment or health problems, do you need the help of other persons with <u>personal</u> <u>care</u> needs, such as eating, bathing, dressing, or getting around your home?

🗆 No

□ Yes

- N23. Because of any impairment or health problems, do you need the help of other persons in handling <u>routine needs</u>, such as everyday household chores, doing necessary business, shopping, or getting around for other purposes?
 - 🗆 No

□ Yes

N24. Does any impairment or health problem keep you from holding a job or attending school?

🗆 No

□ Yes

N25. Do you currently have a driver's license?

Vec



N26. Over the last 2 years, how long (if at all) has your health limited you in each of the following activities?

(Mark one box	Not limited at							
for each item.)								
	Limited for more than 3 mor	ths						
activities you o objects, runni	amounts of vigorous can do, like lifting heavy ng or participating in orts							
activities you	 The kinds or amounts of moderate activities you can do, like moving a table, carrying groceries or bowling 							
• •	c. Walking uphill or climbing a few flights of stairs							
d. Bending, lifting	g, or stooping							
e. Walking one b	olock							
	ng, bathing, or using the							
toilet								

OTHER ISSUES

		Not at all concerned					
Ple	ase rate how	Not very concerned					
	ncerned you are out the following:	Concerned					
ub	sut the following.	Somewhat concerned					
		Very concer	ned				
01.	Your future health						
02.	Your ability to have child	ren					
O3.	Developing a cancer						
O4.	Your ability to get health	insurance.					
O5.	Your ability to get life ins	urance					
O6.	Any other issues						
	Please specify.						

CANCER, LEUKEMIA, OR TUMOR

P1. Have you been diagnosed with another cancer, leukemia, tumor, or a recurrence (relapse) since you last provided us information in %LastMo%, %LastYr%? (Please include skin cancers.)

🗆 No	Go to next page.	
□ Yes	Ţ	
What was th	e name of this disease?	
What was th	◆ e name of this disease?	

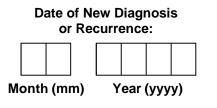
If this was a skin cancer, where was it located on your body? (Example: right upper arm, left ear)

Where was this diagnosed?

Doctor's name
Hospital or clinic
Hospital of cillic
Address
City, State, Zipcode

Was this a:

- □ New cancer, leukemia, tumor, or similar illness
- □ Recurrence of a previous diagnosis
- □ Don't know



Please use a separate sheet of paper for additional cancers



FAMILY HISTORY INFORMATION

Conditions or illnesses occurring in family members may be important clues in determining our genetic makeup. The following section of the questionnaire deals with cancer, conditions present at birth, and hereditary conditions that may be present in your children. Please use the list below to complete the following section.

Cancer

Any diagnosis of cancer or malignant tumor, such as:

- Leukemia Retinoblastoma Brain tumor Hodgkins disease Sarcoma Germ cell tumor Cancer - any other type, or location unknown Skin cancer - Please note if melanoma or non-melanoma
- Wilms tumor Lymphoma Teratoma Seminoma Neuroblastoma Carcinoma

Conditions Present at Birth

Any abnormality present at birth, such as:

Blindness or difficulty seeing Crossed eyes (strabismus) Eyes different colors Hare lip (cleft lip) Hole in roof of mouth (cleft palate) Absent, fused or extra fingers or toes Hip displacement Diverted urinary stream (hypospadias) Undescended testicle (cryptorchism) Deafness or impaired hearing Shortened limbs Club foot Hole in the heart Other congenital heart defect Down Syndrome Trisomy 21 Open spine (spina bifida) Exposed brain (anencephaly) Large or multiple birth marks Water on the brain (hydrocephalus) Macrocephaly (enlarged head) Microcephaly (small head) Hemihypertrophy (enlargement of one arm or leg) Deformed chest Other skeletal abnormality

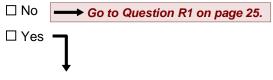
Hereditary Conditions

Some of the more common conditions known to be hereditary:

- Achondroplasia Acrocephalosyndactyly Aniridia (missing an iris) Apert's syndrome Ataxia-telangiectasia Beckwith-Wiedemann syndrome Bilateral acoustic neurofibromatosis (type 2) Bloom's syndrome Congenital megacolon (Hirschsprung's disease) Cystic fibrosis Fanconi's anemia Klinefelter's syndrome Marfan's syndrome
- Multiple exostoses Multiple polyposis Myotonic dystrophy Neurofibromatosis (type 1) Nevoid basal cell carcinoma syndrome Osteogenesis imperfecta Polycystic disease of the kidney Polyposis coli (Gardner syndrome) Tuberous sclerosis Turner's syndrome Von Hippel-Lindau syndrome Von Recklinghausen's disease Wiskott-Aldrich syndrome Xeroderma pigmentosum

PREGNANCY AND OFFSPRING

Q1. Have you, or your partner, had any new pregnancies since you last provided us with this information on %Alldates%?



- Q2. Are you, or your partner, currently pregnant?
 - 🗆 No

□ Yes

Q3. Please write down the names of each of your children who have been born since %Alldates%.
 Indicate whether each child has a history of cancer, a birth defect, and/or any hereditary conditions (refer to the list of conditions on the previous page). Please list twin births or multiple births as separate children.
 Use a separate piece of paper if you need to record more pregnancies.

Full Name (First, Middle, Last)	Sex	Date of Birth (Mo/Day/Yr)	Status	Date of Death (Mo/Day/Yr)	Medical history of cancer, birth defect, hereditary condition. Provide specific type.	Age of onset (yrs)
	☐ Male □ Female		☐ Alive ☐ Dead			
	☐ Male ☐ Female		☐ Alive ☐ Dead			
	Male Female		☐ Alive ☐ Dead			
	☐ Male □ Female		☐ Alive ☐ Dead			

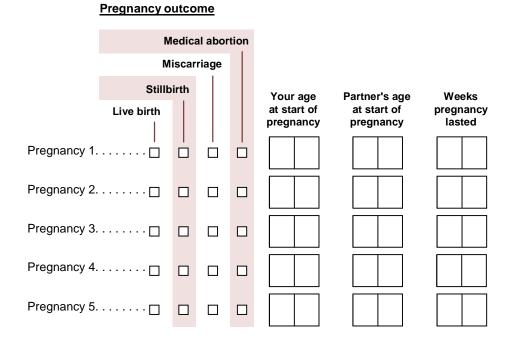
Q4. This question concerns the birth (biological) parents of your children listed above. Please list the other parent or parents of your children. Use a separate sheet of paper if you need to record additional parents.

Full Name of other parent (First, Middle, Last)	Date of Birth (Mo/Day/Yr)	Status	Date of Death (Mo/Day/Yr)	Medical history of cancer, birth defect, hereditary condition Provide specific type.	Age of onset (yrs)
		☐ Alive ☐ Dead			
Please list the names of the biologi	cal children of this pa	rent.			

23



Q5. Since %Alldates%, please fill in the following information for each of your pregnancies, or each time a woman has become pregnant by you, regardless of the outcome.



Please attach a separate sheet of paper, if more than 5 pregnancies

Continue on next page.

Please! Do not mark below this line

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OTHER TREATMENT

We are interested in whether you have had any radiation or chemotherapy for cancer or similar illness. Radiation is a treatment you would have received in a radiation therapy department and does not include CAT scans, MRI's, or diagnostic x-rays.

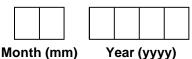
R1. Have you ever received any radiation treatment?

□ No	→ Go to Question R2.				
□ Yes					

□ Not sure

If yes, please indicate the date of any (additional) radiation treatment you received for a recurrence or a new cancer.

Date of Treatment



Please indicate the reason for radiation.

Where was the radiation performed?

Hospital or clinic

Address

City, State, Zipcode

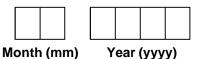
Doctor's name

R2. Have you <u>ever</u> received any <u>chemotherapy</u> treatment?



If yes, please indicate the date of any (additional) chemotherapy treatment you received for a recurrence or a new cancer.

Date of Treatment



Please indicate the reason for chemotherapy.

Where was the chemotherapy performed?

Hospital or clinic

Address

City, State, Zipcode

Doctor's name

Continue on next page.





This form is a medical release that we would like you to sign. It will give us permission to obtain copies of parts of your medical records that we may need to review, such as treatment history for your cancer or similar illness, or pathology reports for a subsequent cancer. You may have already signed a similar release when you filled out a previous questionnaire; however, since that release may have expired we need to ensure that your permission is kept current.

LONG-TERM FOLLOW-UP STUDY HIPAA¹ AUTHORIZATION TO USE AND DISCLOSE INDIVIDUAL HEALTH INFORMATION FOR RESEARCH

1. Purpose. As a research participant, I authorize Leslie L. Robison, Ph.D. and the researcher's staff to use and disclose my individual health information for the purpose of conducting the research project entitled Long-Term Follow-Up (LTFU) Study.

2. Individual Health Information to be Used or Disclosed. My individual health information that may be used or disclosed to conduct this research includes medical records since the diagnosis of a serious illness such as a cardiac condition or a cancer or similar illness.

3. Parties Who May Disclose My Individual Health Information. The researcher and the researcher's staff may obtain my individual health information from:

Hospitals:					
Clinics:					
Other Providers:					
Health Plan:					
and from boonitals	aliniaa	health care providers	and health pla	no that provide	my boolth core

and from hospitals, clinics, health care providers and health plans that provide my health care during the study.

4. Parties Who May Receive or Use My Individual Health Information. The individual health information disclosed by parties listed in item 3 and information disclosed by me during the course of the research may be received and used by Leslie L. Robison, Ph.D., the researcher's staff, LTFU collaborators, the LTFU Biopathology Center (Columbus, OH), the LTFU Molecular Center (Cincinnati, OH), the LTFU Radiation Physics Center (Houston, TX), and the LTFU Statistical Center (Seattle, WA).

5. Right to Refuse to Sign this Authorization. I do not have to sign this Authorization. If I decide not to sign the Authorization, I may not be allowed to participate in this study. However, my decision not to sign this authorization will not affect any other treatment, payment, or enrollment in health plans or eligibility for benefits.

6. Right to Revoke. I can change my mind and withdraw this authorization at any time by sending a written notice to Dr. Leslie L. Robison, St. Jude Children's Research Hospital, Department of Epidemiology and Cancer Control, 262 Danny Thomas Place, Mail Stop 735, Memphis, TN 38105 to inform the researcher of my decision. If I withdraw this authorization, the researcher may only use and disclose the protected health information already collected for this research study. No further health information about me will be collected by or disclosed to the researcher for this study.

7. Potential for Re-disclosure. Once my health information is disclosed under this authorization, there is a potential that it will be re-disclosed outside this study and no longer covered by this authorization. However, the research team and the St. Jude Institutional Review Board (the committee that reviews studies to be sure that the rights and safety of study participants are protected) are very careful to protect your privacy and limit the disclosure of identifying information about you.

7A. Also, there are other laws that may require my individual health information to be disclosed for public purposes. Examples include potential disclosures if required for mandated reporting of abuse or neglect, judicial proceedings, health oversight activities and public health measures.

This authorization does not have an expiration date.

I am the research participant or personal representative authorized to act on behalf of the participant.

I have read this information, and I will receive a copy of this authorization form after it is signed.

Sign	Printed name of research participant	Date of birth	- Fill in
Here	Signature of research participant or research Participant's personal representative	Today's Date	_ Date
	Printed name of research participant's personal represent	ative	
	Description of personal representative's authority to act or	behalf of the research participant	

¹ HIPAA is the Health Insurance Portability and Accountability Act of 1996, a federal law related to privacy of health information. Please! Do not mark below this line We have your current address and phone as:

Is this information correct, or are you planning on moving in the next 6 months?

□ Correct □ Not correct □ Moving

If this information is <u>not</u> correct, please give us your correct address or location:

Address	
	State
Zip Code	Phone Number

Please provide the name and address of someone who could give us your new address should you move. We will contact this person only if we are unable to reach you at your home address.

Name	
Address	Relationship to you
City	State
Zip Code	Phone Number

Do you have an email address we could use to contact you?

□ No □ Yes → Your Email Address
 On average, how many times per week do you use the internet?
 □ Never □ 1-10 times □ 11 or more times

Please! Do not mark below this line -

When you have completed this questionnaire please return it to us in the enclosed envelope.

Mail to:

LONG-TERM FOLLOW-UP STUDY

St. Jude Children's Research Hospital Department of Epidemiology Mail Stop 735 262 Danny Thomas Place Memphis, TN 38105-3678

Thank you!

- Please! Do not mark below this line -

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