



Study ID:

**U.S. Radiologic Technologists Study**

# GENETIC STUDIES QUESTIONNAIRE

*A collaborative effort between the University of Minnesota School of Public Health, National Cancer Institute, and American Registry of Radiologic Technologists.*

**CONFIDENTIALITY:**

Please be assured that all information you provide will be kept confidential and will not be disclosed to anyone but the researchers conducting this study, except as otherwise required by law. Any published results from this study will be reported in statistical summaries only and will never include a participant's name. Your participation in this study is completely voluntary and failure to answer any particular question or the information collection as a whole will not affect your future contacts with the University of Minnesota, the American Registry of Radiologic Technologists, or the National Institutes of Health.

Today's date:   -   -

MONTH                      DAY                      YEAR

**SECTION A: FAMILY HISTORY**

In this section we are interested to learn more about the health history of some of your female family members. Please include only relatives who are related to you by blood, including half-siblings. Do not include adopted or step-relatives.

- 1. How many blood-related sisters (full and half) do you have, including any who have died? .....    
NUMBER
- 2. How many biological daughters do you have, including any who have died? .....    
NUMBER

3. Please complete the chart below for any of your first-degree female relatives (mother, sisters, or daughters) who have been diagnosed with breast or ovarian cancer. Use a separate row for each person.

**0** None of my female relatives have been diagnosed with breast or ovarian cancer. [Go to SECTION B, PAGE 2.]

	a. How is this person related to you? (Only include relatives who have been diagnosed with breast or ovarian cancer.)	b. What type of cancer did she have? How old was she when first diagnosed with this cancer?
<b>1st relative</b>	<input type="radio"/> Mother <input type="radio"/> Sister → Is this a full or half sibling? <input type="radio"/> FULL <input type="radio"/> HALF <input type="radio"/> Daughter	<input type="radio"/> Breast cancer → Age first diagnosed <input type="text"/> <input type="text"/> AGE <input type="radio"/> Ovarian cancer → Age first diagnosed <input type="text"/> <input type="text"/> AGE
<b>2nd relative</b>	<input type="radio"/> Sister → Is this a full or half sibling? <input type="radio"/> FULL <input type="radio"/> HALF <input type="radio"/> Daughter	<input type="radio"/> Breast cancer → Age first diagnosed <input type="text"/> <input type="text"/> AGE <input type="radio"/> Ovarian cancer → Age first diagnosed <input type="text"/> <input type="text"/> AGE
<b>3rd relative</b>	<input type="radio"/> Sister → Is this a full or half sibling? <input type="radio"/> FULL <input type="radio"/> HALF <input type="radio"/> Daughter	<input type="radio"/> Breast cancer → Age first diagnosed <input type="text"/> <input type="text"/> AGE <input type="radio"/> Ovarian cancer → Age first diagnosed <input type="text"/> <input type="text"/> AGE

Please list additional female relatives diagnosed with breast or ovarian cancer on a separate piece of paper and return with this form.

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, MD20892-7974, ATTN: PRA (0925-0405). Do not return the completed form to this address.

## SECTION B: REPRODUCTIVE HISTORY (WOMEN ONLY)

Barcode

**MEN - GO TO SECTION C, PAGE 3**

### PREGNANCY OUTCOMES

4. Please fill in the chart below for each pregnancy you have had. Please use more than one line if a pregnancy resulted in multiple births (twins, triplets, etc.)

I have never been pregnant. [GO TO QUESTION 5 BELOW.]

Pregnancy	When did this pregnancy end?		Did this pregnancy result in a live birth?		Did you breast-feed this baby?		How many months?
	MONTH	YEAR	No	Yes	NO	YES	
First	<input type="text"/>	<input type="text"/>	<input type="radio"/> NO	<input type="radio"/> YES	<input type="radio"/> NO	<input type="radio"/> YES	<input type="text"/>
Second	<input type="text"/>	<input type="text"/>	<input type="radio"/> NO	<input type="radio"/> YES	<input type="radio"/> NO	<input type="radio"/> YES	<input type="text"/>
Third	<input type="text"/>	<input type="text"/>	<input type="radio"/> NO	<input type="radio"/> YES	<input type="radio"/> NO	<input type="radio"/> YES	<input type="text"/>
Fourth	<input type="text"/>	<input type="text"/>	<input type="radio"/> NO	<input type="radio"/> YES	<input type="radio"/> NO	<input type="radio"/> YES	<input type="text"/>
Fifth	<input type="text"/>	<input type="text"/>	<input type="radio"/> NO	<input type="radio"/> YES	<input type="radio"/> NO	<input type="radio"/> YES	<input type="text"/>
Sixth	<input type="text"/>	<input type="text"/>	<input type="radio"/> NO	<input type="radio"/> YES	<input type="radio"/> NO	<input type="radio"/> YES	<input type="text"/>
Seventh	<input type="text"/>	<input type="text"/>	<input type="radio"/> NO	<input type="radio"/> YES	<input type="radio"/> NO	<input type="radio"/> YES	<input type="text"/>
Eighth	<input type="text"/>	<input type="text"/>	<input type="radio"/> NO	<input type="radio"/> YES	<input type="radio"/> NO	<input type="radio"/> YES	<input type="text"/>
Ninth	<input type="text"/>	<input type="text"/>	<input type="radio"/> NO	<input type="radio"/> YES	<input type="radio"/> NO	<input type="radio"/> YES	<input type="text"/>

Please list additional pregnancies on a separate piece of paper and return with this form.

5. Have your menstrual periods stopped permanently?

Never menstruated

Still having menstrual periods

Not sure, periods are irregular or using hormone supplements

Menstrual periods have stopped permanently.  Age menstrual periods stopped permanently

6. Have you had surgery to remove your uterus or one or both of your ovaries? [Mark all that apply.]

No

Yes, removal of uterus  Age when removed

Yes, one ovary removed

Yes, both ovaries removed  1<sup>st</sup> ovary  2<sup>nd</sup> ovary

## SECTION C: PERSONAL MEDICAL RADIATION EXPOSURE

In this section we are interested in radiation exposure YOU RECEIVED AS A PATIENT, NOT procedures performed by you. Please indicate how frequently you had any of the following procedures during each time period listed since 1980. Please count the number of times you had the procedure, NOT the number of individual films taken. *Please provide as much information as possible, including estimates if you cannot remember the exact number of procedures.*

7. Chest X-RAYS or Mammography performed on YOU	Between 1980 - 1989?					Between 1990 - 1999?					2000 to the present?				
	zero	1-3	4-7	8-10	11+	zero	1-3	4-7	8-10	11+	zero	1-3	4-7	8-10	11+
Chest X-ray	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mammography	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

8. Other FILM X-RAYS performed on YOU	Between 1980 - 1989?				Between 1990 - 1999?				2000 to the present?			
	zero	1	2-4	5+	zero	1	2-4	5+	zero	1	2-4	5+
Face or neck	0	0	0	0	0	0	0	0	0	0	0	0
Spine or back:												
Thoracic (upper) spine plain film	0	0	0	0	0	0	0	0	0	0	0	0
Full spine plain film	0	0	0	0	0	0	0	0	0	0	0	0
Lumbar (lower) spine plain film	0	0	0	0	0	0	0	0	0	0	0	0
Myelogram	0	0	0	0	0	0	0	0	0	0	0	0
Gastrointestinal (GI) tract or abdomen:												
Abdominal plain film	0	0	0	0	0	0	0	0	0	0	0	0
Upper gastrointestinal exam with contrast	0	0	0	0	0	0	0	0	0	0	0	0
Gallbladder exam with contrast	0	0	0	0	0	0	0	0	0	0	0	0
Barium swallow or meal with contrast	0	0	0	0	0	0	0	0	0	0	0	0
Barium enema with contrast	0	0	0	0	0	0	0	0	0	0	0	0
Urinary system (e.g. pyelogram, urethrogram, cystogram)	0	0	0	0	0	0	0	0	0	0	0	0
Bony pelvis or hip	0	0	0	0	0	0	0	0	0	0	0	0

9. SPECIAL PROCEDURES performed on YOU	Between 1980 - 1989?				Between 1990 - 1999?				2000 to the present?			
	zero	1	2-4	5+	zero	1	2-4	5+	zero	1	2-4	5+
Cerebral arteriogram	0	0	0	0	0	0	0	0	0	0	0	0
Coronary angiogram or cardiac catheterization (including angioplasty)	0	0	0	0	0	0	0	0	0	0	0	0
Carotid arteriogram	0	0	0	0	0	0	0	0	0	0	0	0
Pulmonary arteriogram	0	0	0	0	0	0	0	0	0	0	0	0
Renal arteriogram	0	0	0	0	0	0	0	0	0	0	0	0
Other fluoroscopy exam of the chest (specify _____)	0	0	0	0	0	0	0	0	0	0	0	0

Barcode

10. CT SCANS performed on YOU	Between 1980 - 1989?				Between 1990 - 1999?				2000 to the present?			
	zero	1	2-4	5+	zero	1	2-4	5+	zero	1	2-4	5+
Head or neck	0	0	0	0	0	0	0	0	0	0	0	0
Chest	0	0	0	0	0	0	0	0	0	0	0	0
Abdomen	0	0	0	0	0	0	0	0	0	0	0	0
Pelvis	0	0	0	0	0	0	0	0	0	0	0	0
Upper back or spine	0	0	0	0	0	0	0	0	0	0	0	0
Lower back or spine	0	0	0	0	0	0	0	0	0	0	0	0

11. THERAPEUTIC X-RAY SERIES performed on YOU	Between 1980 - 1989?				Between 1990 - 1999?				2000 to the present?			
	zero	1	2-4	5+	zero	1	2-4	5+	zero	1	2-4	5+
Note: If your treatment involved <u>a course of multiple radiation treatments over time</u> (such as 1 treatment per day, 5 days per week for 4-6 weeks), this <u>should be counted as "1" series</u> . If you later received a course of radiation treatments for a new cancer, a recurrence, or a metastasis, please count that as a separate series. We are interested in the number of <u>series</u> , not the number of sessions.												
Treatment series to breast	0	0	0	0	0	0	0	0	0	0	0	0
Treatment series to chest other than breast	0	0	0	0	0	0	0	0	0	0	0	0
Treatment series to abdomen	0	0	0	0	0	0	0	0	0	0	0	0
Treatment series to pelvis	0	0	0	0	0	0	0	0	0	0	0	0
Treatment series to thyroid or other part of neck	0	0	0	0	0	0	0	0	0	0	0	0
Treatment series to head	0	0	0	0	0	0	0	0	0	0	0	0
Treatment series to extremities	0	0	0	0	0	0	0	0	0	0	0	0

**SECTION D: CHEMOTHERAPY**

12. Have you ever had CHEMOTHERAPY for cancer, leukemia, lymphoma, a brain tumor or malignancy, or other condition? If yes, please report each year you received chemotherapy and the reason for the treatment. Please include treatment you received for a recurrence or metastasis.

NO	YES	YEAR(S)	TYPE OF CANCER AND/OR REASON FOR TREATMENT
0	0	→ <input type="text"/>	<input type="text"/>
		<input type="text"/>	<input type="text"/>
		<input type="text"/>	<input type="text"/>

This is the end of the questionnaire. Please return completed questionnaire in postage-paid envelope provided as soon as possible. If you have any questions, please call the USRT Study office toll-free at 1-800-447-6466.  
  
**Thank you for your participation**