

You can help us find answers that will guide your family and others.



Want More Information or Interested in Participating?

For more information about this study, or to sign up to participate, please email:

negative.study@wchospital.ca

or call **416-351-3732 ext. 2875**

or visit our website

www.womensresearch.ca/noncarrierstudy

You may also direct any questions to:

Principal Investigator,

Dr. Joanne Kotsopoulos

Familial Breast Cancer Research Unit

Women's College Research Institute

790 Bay St., 7th Floor

Toronto, ON, Canada M5G 1N8

Email: joanne.kotsopoulos@wchospital.ca

Acknowledgements:

This study would not be possible without the ongoing support, dedication and collaboration from numerous contributors, and the many women who participate in the study.

Funding:

This study is funded by the Canadian Breast Cancer Foundation

Canadian Breast Cancer Foundation



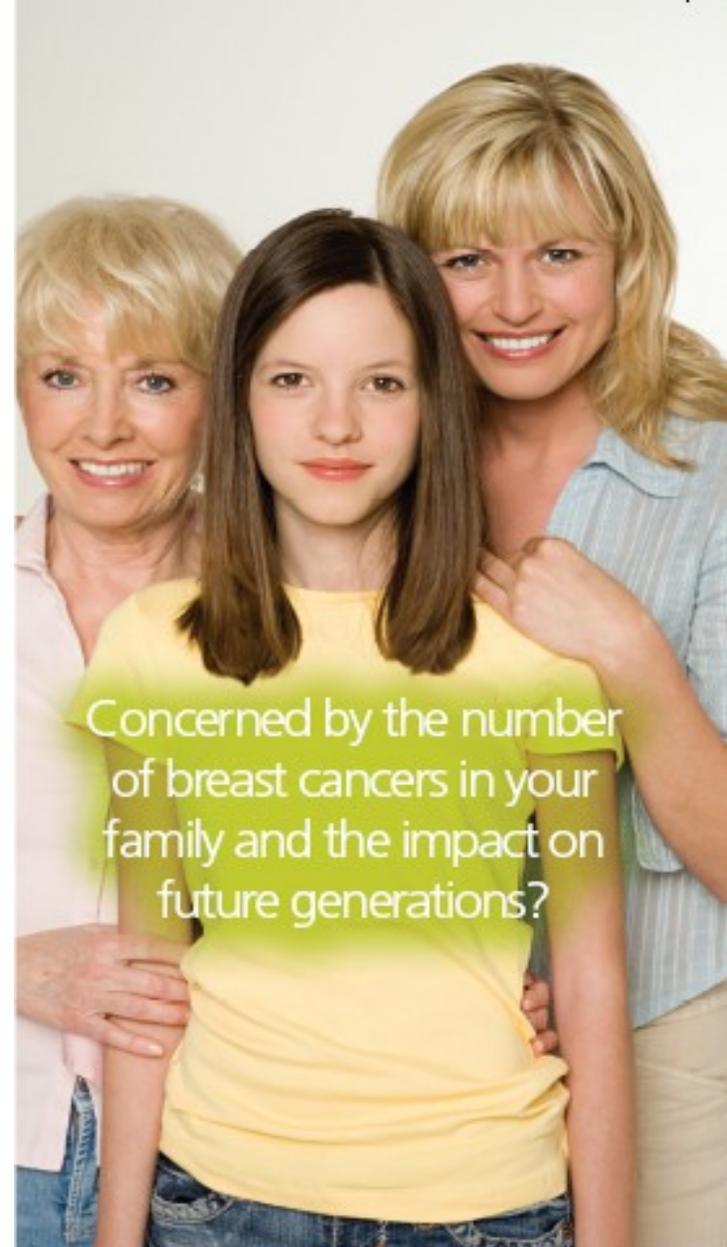
Familial Breast Cancer Research Unit

Familial Breast Cancer Research Unit

790 Bay St., 7th Floor

Toronto, ON, Canada M5G 1N8

Phone: 416-351-3765



Concerned by the number of breast cancers in your family and the impact on future generations?



women's college
research institute

Be part of our new initiative: Risk Factor Analysis of Familial Breast Cancer

Purpose:

We aim to identify risk factors that may influence breast cancer in women from families with a strong family history of breast cancer but no *BRCA1* or *BRCA2* mutation. Information obtained from this study will lead to improved prevention, counseling and treatment strategies to reduce the risk of breast cancer development in this high-risk population.

Why Participate?

Women with a strong family history of breast cancer are four times more likely to develop breast cancer than women without a significant family history, even if they do not have a 'breast cancer gene' mutation (*BRCA1* or *BRCA2*). The risk of breast cancer in women from high-risk families with no known genetic mutations is thought to be influenced by several genetic and non-genetic factors; however, there is currently little information available to guide screening and prevention practices. The more women who enroll in this study, the more accurate the results will be. These results translate into the ability to make better decisions about your health.

Who Can Participate?

Participation in this study is completely voluntary.

Only women that fulfill all the following criteria may participate:

- 18-65 years of age
- No personal history of cancer
- Resident of Canada
- Have at least one first-degree relative with breast cancer (i.e., mother, sister, daughter)
- Have either two female relatives diagnosed with breast cancer under the age of 50 **OR** at least three female relatives diagnosed at any age on the same side of the family
- Have at least one relative with breast cancer receive a negative result for a *BRCA1* or *BRCA2* mutation.

How Do You Participate?

Participation entails completing a consent form, medical release form, a collection of toenail clippings, and 2 research questionnaires that ask about diet, lifestyle and other health-related factors as well as family history of cancer. A similar, but shorter, questionnaire will be completed every 2 years, over a 10 year period. In addition, there is an optional blood and urine sample that can be taken during a one-time visit to the Women's College Research Institute.

About the Investigators:

The principal investigator, Dr. Joanne Kotsopoulos, is a Cancer Care Ontario Research Chair in Population Studies and scientist at the Women's College Research Institute. She is an Assistant Professor at the Dalla Lana School of Public Health, University of Toronto. She works closely with the Co-Investigators of this study, Dr. Steven Narod and Dr. Kelly Metcalfe.

Dr. Steven Narod is one of the most prominent hereditary breast cancer researchers in the world. Dr. Narod is the Director of the Familial Breast Cancer Research Unit, a Tier 1 Canada Research Chair in breast cancer and a Professor at the Dalla Lana School of Public Health, University of Toronto.

Dr. Kelly Metcalfe is an Associate Professor at the Faculty of Nursing, University of Toronto and an Adjunct Scientist at the Women's College Research Institute. Dr. Metcalfe holds a New Investigator Award from the Canadian Institutes of Health Research and has received the *Excellence in Cancer Prevention and Early Detection Award* from the Oncology Nursing Society.



Joanne Kotsopoulos
Principal Investigator

Steven Narod

Kelly Metcalfe
Co-Investigators

It is our hope that the information gained from this study will improve breast cancer prevention strategies and care received by you and women in your situation in the future.