

Women with diabetes less likely to have a mammogram: study

TORONTO, April 11, 2014 – Women with diabetes are 14 per cent less likely to be screened for breast cancer compared to women without diabetes, according to a study by researchers at the **Institute for Clinical Evaluative Sciences (ICES)** and **Women's College Hospital**.

The study, published today in the journal *Diabetic Medicine*, is the first to examine the influence of socioeconomic status on the gap in mammogram screening among women with diabetes.

"Managing the demands of a chronic condition such as diabetes is challenging for many women, leaving other preventative actions, like screening for cancer, to fall by the wayside," said Dr. Lorraine Lipscombe, a staff physician at Women's College Hospital and an adjunct scientist at ICES. "Our study found having diabetes posed a significant barrier to breast cancer screening even after considering a woman's socioeconomic status, a known contributor to disparities in care among women."

In the study, researchers examined women aged 50 to 69 years with diabetes between 1999 and 2010. The study found women with diabetes were 14 per cent less likely to receive a mammogram during the recommended screening period compared to those without diabetes. What's more, the researchers found low socioeconomic status is an additional obstacle to preventive care in an already disadvantaged population. This is of particular importance as women with diabetes are at higher risk of breast cancer and of poorer survival once diagnosed.

"Given the increasing demands on family doctors today who are seeing more patients than ever before, preventive issues like cancer screening are often overlooked," Dr. Lipscombe added. "Programs that offer incentives and reminders for cancer screening or allow for self-referral may help ensure all women are getting their mammograms when they need them most."

Ensuring equal access to care is particularly important in health care settings such as Canada, where breast cancer screening is universally subsidized by provincial health plans either via physician referrals or self-referral in Ontario through the Ontario Breast Cancer Screening Program, the authors note.

To improve cancer screening in diabetes patients, initiatives should focus on support and incentives for diabetes care providers and greater education for more socially disadvantaged populations, they added.

Authors: Chan W, Yun L, Austin PC, Jaakkimainen RL, Booth GL, Rochon PA and Lipscombe LL.

ICES is an independent, non-profit organization that uses population-based health information to produce knowledge on a broad range of health care issues. Our unbiased evidence provides measures of health system performance, a clearer understanding of the shifting health care needs of Ontarians, and a stimulus for discussion of practical solutions to optimize scarce resources. ICES knowledge is highly regarded in Canada and abroad,

and is widely used by government, hospitals, planners, and practitioners to make decisions about care delivery and to develop policy.

For the latest ICES news, follow us on Twitter: [@ICESOntario](https://twitter.com/ICESOntario)

Women's College Hospital (www.womenscollegehospital.ca) is advancing the health of women and improving healthcare options for all by delivering innovative models of ambulatory care. Fully affiliated with the University of Toronto, the hospital is Canada's leading academic, ambulatory hospital and a world leader in women's health. With more than 800 physicians, nurses and health professionals, the hospital offers a range of specialized clinics and programs that are bridging the gaps in the health system. Women's College Hospital is helping to keep people out of hospital by being at the forefront of cutting-edge research, diagnosis and treatment that will help prevent illness and enable patients to manage their health conditions. This healthcare enables Canadians to live healthier, more independent lives. At the Women's College Research Institute, scientists combine science and patient care to develop innovative solutions to today's greatest health challenges.

FOR FURTHER INFORMATION PLEASE CONTACT:

Julie Saccone
Director, Marketing & Communications
Women's College Hospital
julie.saccone@wchospital.ca
416 323-6400 ext. 4054

or

Deborah Creatura
Communications, ICES
deborah.creatura@ices.on.ca
(o) 416-480-4780 or (c) 647-406-5996