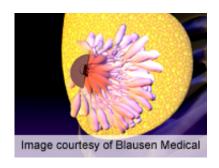


## Post-breast cancer, metformin has no effect on mortality

July 3 2013



For older women with diabetes and breast cancer, there is no association between metformin use and all-cause or breast cancer-specific mortality, according to a study published online April 30 in *Diabetes Care*.

(HealthDay)—For older women with diabetes and breast cancer, there is no association between metformin use and all-cause or breast cancerspecific mortality, according to a study published online April 30 in *Diabetes Care*.

Iliana C. Lega, M.D., from the Women's College Hospital in Toronto, and colleagues conducted a population-based study involving 2,361 women aged 66 years or older diagnosed with diabetes and <u>breast cancer</u>. The correlation between cumulative duration of past <u>metformin</u> use and all-cause and breast cancer-specific mortality was assessed.

During a mean follow-up of 4.5 years, the researchers identified 1,101



deaths (46.6 percent), of which 16.3 percent were breast cancer-specific. There was no significant association observed between cumulative duration of past metformin use and all-cause or breast cancer-specific mortality.

"In summary, we conducted a large population-based study to investigate the effects of metformin therapy on mortality after breast cancer in a diabetic population," the authors write. "Cumulative exposure of metformin was not significantly associated with all-cause or breast cancer-specific mortality in our incident diabetic cohort when modeled as a time-varying covariate."

**More information:** Abstract

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Citation: Post-breast cancer, metformin has no effect on mortality (2013, July 3) retrieved 6 May 2024 from <a href="https://medicalxpress.com/news/2013-07-post-breast-cancer-metformin-effect-mortality.html">https://medicalxpress.com/news/2013-07-post-breast-cancer-metformin-effect-mortality.html</a>

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