

Breast cancer risk reduced in women with diabetes who take low-dose aspirin

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A new study of nearly 149,000 women with diabetes over 14 years showed an overall 18% reduced breast cancer risk for women who used low-dose aspirin compared to those who did not. The study design and results are published in an article in *Journal of Women's Health*.

In the article entitled "Low-Dose Aspirin Reduces Breast Cancer Risk in Women with Diabetes: A Nationwide Retrospective Cohort Study in Taiwan," Yi-Sun Yang, MD, PhD, Chien-Ning Huang, MD, PhD, and coauthors from Chung Shan Medical University Hospital and Hung Kuang University, Taichung, Taiwan, defined low-dose aspirin use as intake of 75-165 mg daily. The researchers reported that a high cumulative dose of aspirin over the 14-year study period reduced [breast cancer risk](#) by 47%, whereas low and medium cumulative doses did not reduce risk.

"Women with type 2 diabetes have an increased risk of breast cancer, and these results suggest that the same low-dose aspirin that many of these [women](#) take to prevent cardiovascular disease may also help reduce their risk of breast cancer," says Susan G. Kornstein, MD, Editor-in-Chief of *Journal of Women's Health*, Executive Director of the Virginia Commonwealth University Institute for Women's Health, Richmond, VA, and President of the Academy of Women's Health.

More information: Yi-Sun Yang et al, Low-Dose Aspirin Reduces Breast Cancer Risk in Women with Diabetes: A Nationwide Retrospective Cohort Study in Taiwan, *Journal of Women's Health* (2017). [DOI: 10.1089/jwh.2016.6040](https://doi.org/10.1089/jwh.2016.6040)

Provided by Mary Ann Liebert, Inc

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