

# BRCAPRO model underestimates BRCA1/2 mutation risk

March 21 2014

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(HealthDay)—Use of the BRCAPRO model for assessment of the likelihood of having a germline *BRCA1/BRCA2* mutation, based on age, ethnicity, and family history, may underestimate the risk of mutations, according to a study published online March 17 in the *Journal of Clinical Oncology*.

Molly S. Daniels, from the University of Texas MD Anderson Cancer Center in Houston, and colleagues calculated BRCAPRO scores for 589 patients with [ovarian cancer](#) referred for [genetic counseling](#) at three institutions. The BRCAPRO predictions were compared with observed mutations.

The researchers found that 31 percent of patients with ovarian cancer tested positive for *BRCA1* or *BRCA2* mutation. More mutations were

observed than expected with BRCA1/2 scores

Citation: BRCA1/2 model underestimates BRCA1/2 mutation risk (2014, March 21) retrieved 2 February 2024 from <https://medicalxpress.com/news/2014-03-brcapro-underestimates-brca12-mutation.html>

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