

Risk for breast cancer increased with false-positive screening result

28 December 2018



increased risk for screen-detected and interval cancer compared with women with negative tests (hazard ratios, 2.04 and 2.18, respectively). The risk for screen-detected and interval cancer was increased more than fourfold for women with a second false-positive result (hazard ratios, 4.71 and 4.22, respectively). For 12 years after the false-positive result, women remained at an elevated risk.

"Based on our findings it might be advisable to inform women with false-positive results about their specific increased risk for screen-detected and interval breast cancer," the authors write. "The highly increased [risk](#) reveals a sub-group of women that may be eligible for more intensive screening strategies."

More information: [Abstract/Full Text \(subscription or payment may be required\)](#)

(HealthDay)—Women with prior false-positive screening results have an increased risk for screen-detected and interval breast cancer for more than 10 years, according to a study published online Dec. 18 in the *British Journal of Cancer*.

Copyright © 2018 [HealthDay](#). All rights reserved.

Marta Román, from the Hospital del Mar Medical Research Institute in Barcelona, Spain, and colleagues examined the long-term risk for screen-detected and interval breast cancer in [women](#) with a false-positive result using data from three population-based [screening](#) programs in Europe. Overall, 75,513 women aged 50 to 69 years from Denmark, 556,640 from Norway, and 517,314 from Spain were included. The correlation between false-positive results and the risk for subsequent screen-detected and interval cancer was examined.

The researchers found that 1,149,467 women underwent 3,510,450 screening exams during follow-up; 10,623 and 5,700 screen-detected and interval cancers, respectively, were diagnosed. Women with false-positive results had a twofold

APA citation: Risk for breast cancer increased with false-positive screening result (2018, December 28) retrieved 7 August 2022 from <https://medicalxpress.com/news/2018-12-breast-cancer-false-positive-screening-result.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.