

# Mutations common in pancreatic CA, history of other cancers

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percent (21 of 93) when prostate cancer was excluded. Mutation carriers were significantly more likely to have had more than one previous cancer diagnosis, to have had clinical [genetic testing](#), and to have met National Comprehensive Cancer Network (NCCN) genetic testing criteria. However, nearly one-quarter of mutation carriers (23 percent) did not meet NCCN HBOC or LS testing guidelines based on either their personal cancer history or reported cancer history in first-degree relatives.

"At least 18 percent of individuals with pancreatic cancer and a personal history of other HBOC- or LS-related cancers carry mutations in a [pancreatic cancer](#) susceptibility gene based on our data, suggesting that criteria for genetic testing in individuals with [pancreatic cancer](#) should include consideration of previous [cancer](#) history," conclude the authors.

(HealthDay)—A substantial proportion of individuals with pancreatic cancer and a history of other hereditary breast and ovarian cancer (HBOC)- or Lynch syndrome (LS)-related cancers have mutations in a prostate cancer susceptibility gene, according to a study published online Jan. 23 in *Cancer*.

Several authors disclosed ties to biotechnology and genetic testing companies.

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

Beth Dudley, M.P.H., from the University of Pittsburgh, and colleagues used a pancreatic disease registry to identify 149 patients with pancreatic cancer and a history of cancer. For individuals who had not previously had a mutation identified through clinical testing or had undergone clinical multigene panel testing with no mutations detected, multigene panel testing was performed with banked DNA, if available.

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The researchers found that 22 of 124 individuals with pancreatic cancer and another HBOC- or LS-related cancer (18 percent) had a mutation identified in a pancreatic cancer susceptibility gene. The mutation prevalence increased to 23

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