

# Obesity ups risk for secondary primary cancers in men

October 14 2016

---



(HealthDay)—Obesity before a cancer diagnosis is associated with an

increased risk for overall and individual secondary primary cancers (SPCs) in males, according to a study published online Oct. 10 in the *Journal of Clinical Oncology*.

Sang Min Park, M.D., Ph.D., from the Seoul National University College of Medicine in South Korea, and colleagues assessed the effects of obesity before the diagnosis of a first cancer on the development of secondary primary cancers in 239,615 Korean male cancer survivors (January 2003 through December 2010).

The researchers found that over 1,614,583 person-years of follow-up, 4,799 patients had SPCs. Among cancer survivors, the age-standardized incidence rate of cancer was 1.1 times higher than that of the [general population](#). Prediagnosis [body mass index](#) (BMI) and risk of all-combined, colorectal, liver, lymphoma, biliary tract, kidney, and obesity-related SPCs had positive linear trends. The adjusted hazard ratios for SPCs among severely obese (BMI  $\geq 30$  kg/m<sup>2</sup>) cancer survivors were significantly higher than those for first cancers among all cohort participants (1.41 versus 1.12).

"Prediagnosis obesity is a risk factor for overall and individual SPCs, and the strength of the BMI-cancer association is slightly stronger in male cancer survivors than in the general population," the authors write.

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

Copyright © 2016 [HealthDay](#). All rights reserved.

Citation: Obesity ups risk for secondary primary cancers in men (2016, October 14) retrieved 19 April 2024 from <https://medicalxpress.com/news/2016-10-obesity-ups-secondary-primary-cancers.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.