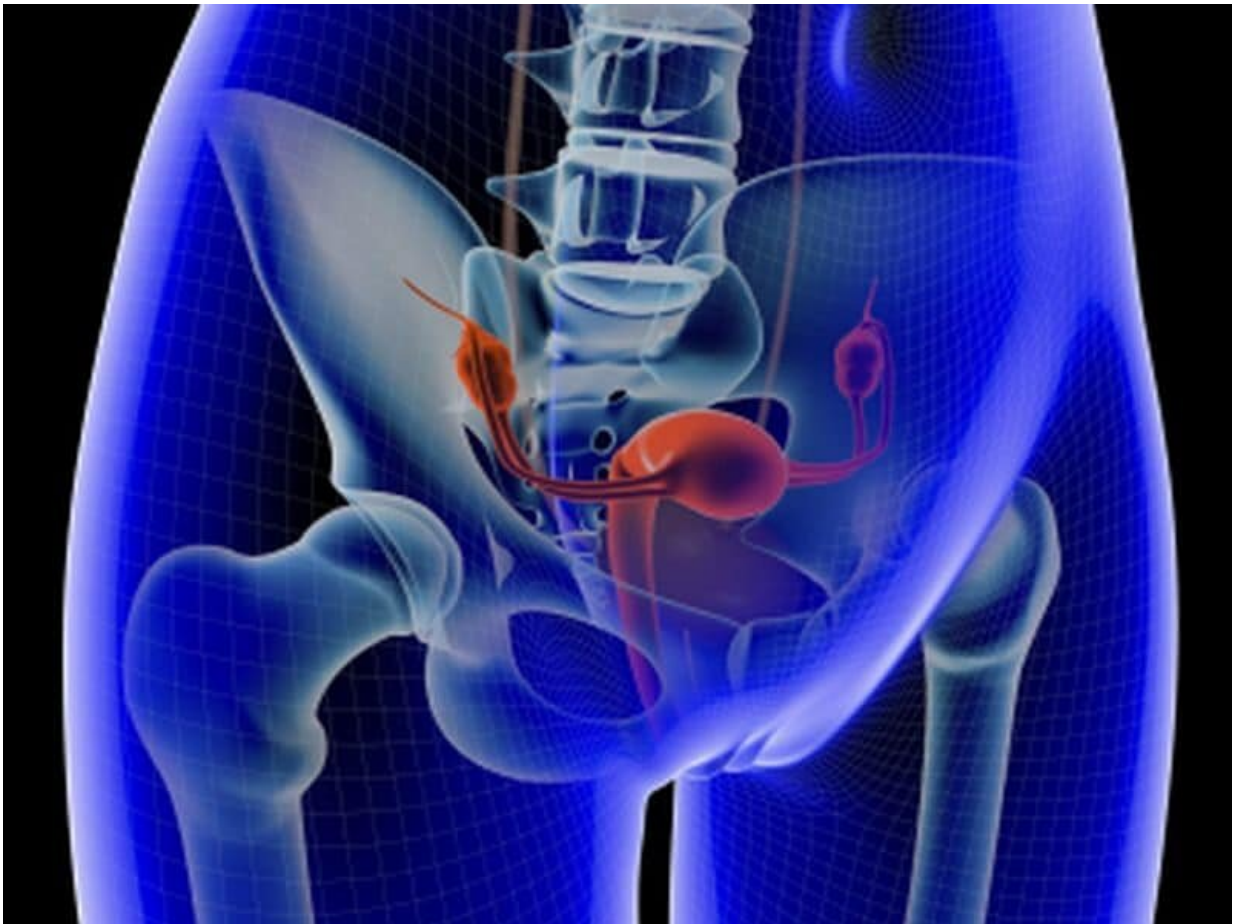


Intrauterine device use may reduce incidence of ovarian cancer

September 12 2019



(HealthDay)—Intrauterine device (IUD) use among reproductive women

is associated with a decreased incidence of ovarian cancer, according to a review published online Sept. 10 in *Obstetrics & Gynecology*.

Lindsay J. Wheeler, M.D., from the University of Colorado in Aurora, and colleagues conducted a systematic literature review to explore the relationship between IUD use and risk for [ovarian cancer](#).

The researchers identified 15 studies with individual-level data regarding IUD use and incident ovarian [cancer](#) and included 11 of these studies in a meta-analysis. Harmonization and weighting of the data showed ever use of an IUD was associated with a decreased risk for incident ovarian cancer (odds ratio, 0.68). No significant differences were found between covariates. Heterogeneity among all studies was found to be $I^2 > 68$ percent.

"Given the grave nature of an advanced ovarian cancer diagnosis, even a modest increase in the use of IUDs may lead to a decrease in incidence in ovarian cancer in a general population of women, leading to a significant population-level effect," the authors write.

One author disclosed receiving funds from Merck, Bayer, and Sebela for contraceptive research trials.

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

Copyright © 2019 [HealthDay](#). All rights reserved.

Citation: Intrauterine device use may reduce incidence of ovarian cancer (2019, September 12) retrieved 2 February 2023 from <https://medicalxpress.com/news/2019-09-intrauterine-device-incidence-ovarian-cancer.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.