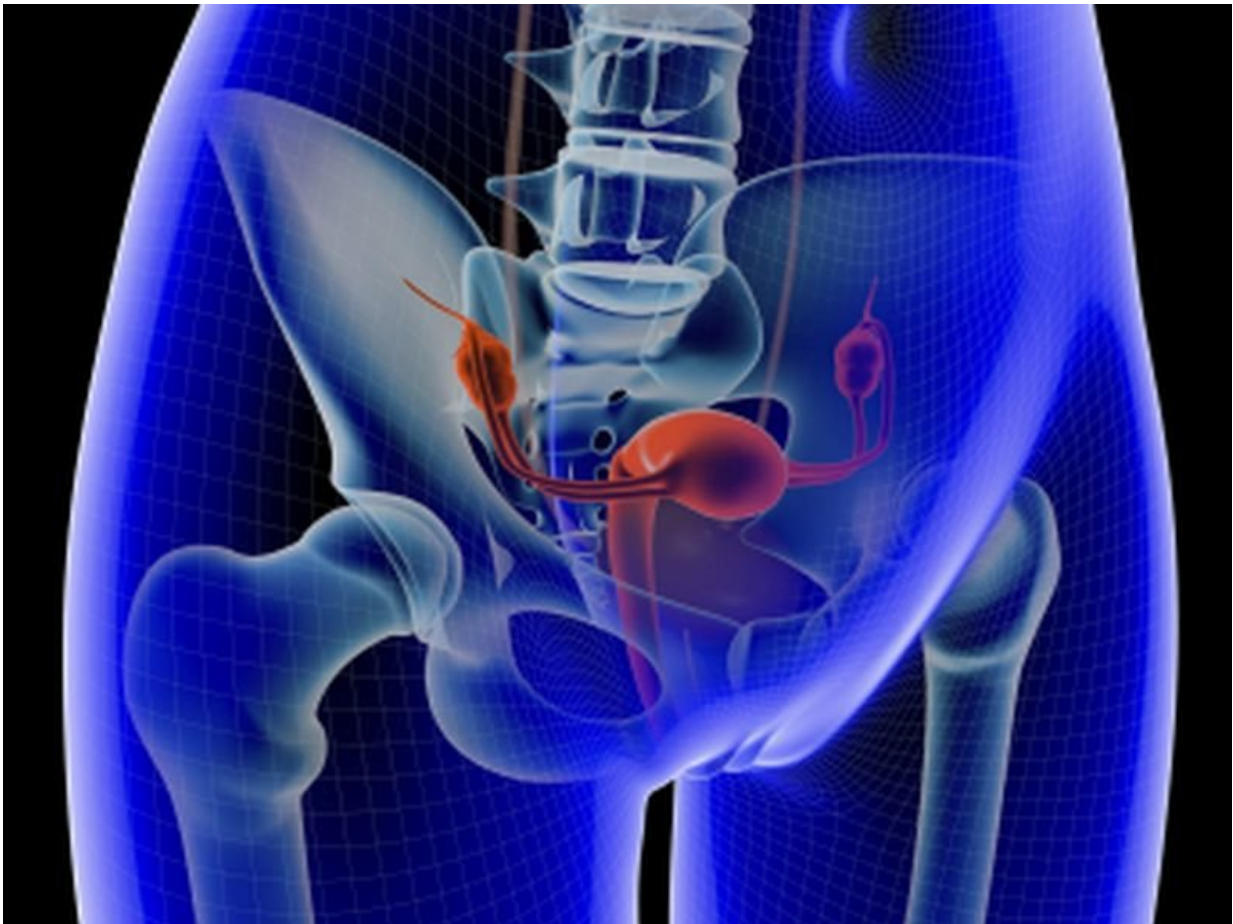


# Ovarian CA screening potentially cost-effective in the U.S.

December 8 2017

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(HealthDay)—Multimodal screening (MMS) for ovarian cancer is

potentially cost-effective in the United States, according to a study published online Dec. 7 in *JAMA Oncology*.

In an effort to estimate the cost-effectiveness of MMS for [ovarian cancer](#) in the United States, Haley A. Moss, M.D., from Duke University in Durham, N.C., and colleagues constructed a Markov simulation model to compare MMS beginning at age 50 years with no [screening](#).

The researchers found that MMS is both more expensive and more effective in reducing ovarian cancer mortality over a lifetime, compared to no screening. MMS of women starting at age 50 years is cost-effective 70 percent of the time when decision makers are willing to pay \$150,000 per quality-adjusted life-year, after accounting for uncertainty in the underlying parameters. There was a 15 percent reduction in mortality with screening, with an incremental cost-effectiveness ratio ranging from \$106,187 to \$155,256.

"These results are limited by uncertainty around the effect of screening on ovarian cancer mortality beyond the 11 years of [the] United Kingdom Collaborative Trial of Ovarian Cancer Screening," the authors write.

One author disclosed [financial ties](#) to the pharmaceutical industry.

**More information:** [Abstract/Full Text](#)

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