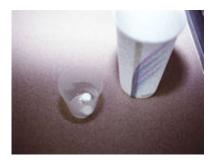


## Industry-led oncology trials may inflate costeffectiveness

December 11 2015



(HealthDay)—Pharmaceutical industry-sponsored studies are more likely to report favorable estimates in cost-effectiveness analysis (CEA) of drugs used in breast cancer treatment, according to a research letter published online Dec. 10 in *JAMA Oncology*.

Jordan D. Lane, M.D., from the Walter Reed National Military Medical Center in Bethesda, Md., and colleagues examined CEAs for <u>breast</u> <u>cancer</u> from the Tufts Cost-Effectiveness Analysis Registry. Independent associations between industry sponsorship and study results were estimated, after adjustment for drug class, cancer stage targeted, and study <u>quality</u> score.

The researchers found that 65 of the 105 CEA studies were industry funded. Industry-sponsored studies had nonsignificantly higher study



quality ratings (mean rating, 4.8 versus 4.4 for studies with other sponsorship; P = 0.09). Industry-sponsored studies were significantly more likely to report favorable cost-effectiveness results compared with other sponsored studies (75.4 versus 40.0 percent at \$50,000/quality-adjusted life-year [QALY]; P = 0.004). Industry-sponsored studies were more likely to report favorable findings among the subset of CEAs with high quality ratings (75.5 versus 45.5 percent; P = 0.04 at the \$50,000/QALY threshold).

"Our <u>analysis</u> of breast cancer CEAs suggests that pharmaceutical industry-sponsored studies continue to be more likely to report favorable estimates than studies with other sponsorship," the authors write.

**More information:** <u>Full Text (subscription or payment may be</u> <u>required)</u>

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Citation: Industry-led oncology trials may inflate cost-effectiveness (2015, December 11) retrieved 3 May 2024 from https://medicalxpress.com/news/2015-12-industry-led-oncology-trials-inflate-cost-effectiveness.html

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