

# Adding bevacizumab improves overall survival in NSCLC

June 18 2019

---



(HealthDay)—The addition of bevacizumab to carboplatin/pemetrexed

is associated with improved overall survival among patients with advanced non-small cell lung cancer (NSCLC), according to a study published in the May issue of the *Journal of the National Comprehensive Cancer Network*.

Stephen J. Bagley, M.D., from the Perelman School of Medicine at the University of Pennsylvania in Philadelphia, and colleagues conducted a retrospective cohort study of patients diagnosed with NSCLC who received one or more cycle of [carboplatin](#)/pemetrexed ± bevacizumab as initial systemic therapy for stage IV or metastatic/recurrent disease. Data were included for 4,724 patients, of whom 58 percent received carboplatin/pemetrexed and 42 percent received carboplatin/pemetrexed/bevacizumab.

The researchers found that median overall survival was 12.1 and 8.6 months in the group receiving carboplatin/pemetrexed/bevacizumab and the group receiving carboplatin/pemetrexed, respectively. In a multivariate model, bevacizumab use remained associated with improved [overall survival](#) (hazard ratio, 0.80). The effect of bevacizumab was unchanged in a secondary analysis involving 539 patients at a single academic institution and additional adjustment for presence of brain metastases, hemoptysis, and anticoagulation (hazard ratio, 0.75).

"It is unlikely that a randomized controlled trial to address this question will ever be performed due to the size and cost that such a trial would entail," the authors write. "Results of our real-world study provide essential information that can be incorporated into the complex clinical decision-making necessary for this large population of patients with cancer."

Several authors disclosed financial ties to Roche/Genentech, the manufacturer of [bevacizumab](#), and Eli Lilly.

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

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

Citation: Adding bevacizumab improves overall survival in NSCLC (2019, June 18) retrieved 17 July 2024 from <https://medicalxpress.com/news/2019-06-adding-bevacizumab-survival-nsclc.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.