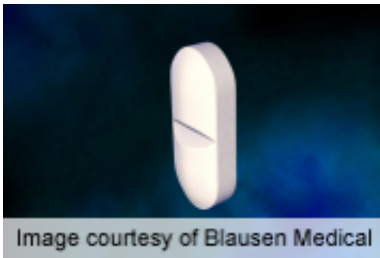


Modafinil doesn't improve NSCLC-related fatigue

April 30 2014



(HealthDay)—The central nervous system stimulant modafinil is not effective in treating non-small-cell lung cancer-related fatigue, according to a study published online April 28 in the *Journal of Clinical Oncology*.

Anna Spathis, M.B., B.Chir., from Cambridge University Hospitals National Health Service Foundation Trust in the United Kingdom, and colleagues randomly assigned adults with advanced non-small-cell lung cancer, who were not treated with chemotherapy or radiotherapy within the last four weeks, to receive either daily [modafinil](#) (75 patients) or matched placebo (85 patients). Questionnaires were completed at baseline and day 28.

The researchers found that, from baseline to day 28, Functional Assessment of Chronic Illness Therapy-Fatigue scores improved in both groups (mean score change: modafinil, 5.29; placebo, 5.09), with no

difference between treatment groups (mean score change difference: 0.20; 95 percent confidence interval, -3.56 to 3.97). Secondary outcomes of patient-reported measures of depression, daytime sleepiness, and quality of life were not different between treatment groups. Forty-seven and 23 percent of the modafinil and placebo groups, respectively, stated that the intervention was not helpful.

"Modafinil had no effect on cancer-related fatigue and should not be prescribed outside a clinical trial setting," the authors write. "Its use was associated with a clinically significant placebo effect."

Matched modafinil and [placebo](#) capsules were provided by Bilcare Global Clinical Supplies Europe.

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

Copyright © 2014 [HealthDay](#). All rights reserved.

Citation: Modafinil doesn't improve NSCLC-related fatigue (2014, April 30) retrieved 3 May 2024 from <https://medicalxpress.com/news/2014-04-modafinil-doesnt-nsclc-related-fatigue.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.
