

Resveratrol has no effect in healthy obese men, study finds

April 8 2013



Resveratrol appears not to have a metabolic effect in obese men, according to a study published in the April issue of *Diabetes*.

(HealthDay)—Resveratrol appears not to have a metabolic effect in obese men, according to a study published in the April issue of *Diabetes*.

Noting that animal and in vitro studies have indicated that resveratrol has an effect on obesity, diabetes, hypertension, and hyperlipidemia, Morten M. Poulsen, M.D., from Aarhus University Hospital in Denmark, and colleagues examined the metabolic effects of high-dose resveratrol in 24 obese, but otherwise healthy, men. Participants were randomized to four weeks of resveratrol or placebo.

The researchers found that there was a non-significant decrease in [insulin sensitivity](#) in both groups. No change was noted in endogenous [glucose production](#) or in the turnover and oxidation rates of glucose. No

impact was noted for resveratrol supplementation on blood pressure, resting energy expenditure, [lipid oxidation](#) rates, ectopic or visceral fat content, or inflammatory and metabolic biomarkers.

"The lack of effect disagrees with persuasive data obtained from rodent models and raises doubt about the justification of resveratrol as a human nutritional supplement in metabolic disorders," the authors write.

The study was partially funded by the [Novo Nordisk](#) Foundation.

More information: [Abstract](#)

[Full Text \(subscription or payment may be required\)](#)

[Editorial](#)

[Health News](#) Copyright © 2013 [HealthDay](#). All rights reserved.

Citation: Resveratrol has no effect in healthy obese men, study finds (2013, April 8) retrieved 19 November 2023 from

<https://medicalxpress.com/news/2013-04-resveratrol-effect-healthy-obese-men.html>

<p>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.</p>
--