

Low-dose aspirin no aid against cognitive decline

May 9 2017



(HealthDay)—Low-dose aspirin does not protect against cognitive

decline, according to a review published April 20 in the *Journal of the American Geriatrics Society*.

Nicola Veronese, M.D., from the Italian Research Council in Padova, and colleagues conducted a systematic literature review to identify observational and interventional studies that investigated low-dose aspirin and the incidence of [dementia](#) and cognitive impairment.

The researchers identified eight studies (36,196 participants). Over a median of six years of follow-up, chronic use of low-dose aspirin was not associated with onset of dementia or [cognitive impairment](#) (five studies; 26,159 participants; odds ratio, 0.82; 95 percent confidence interval, 0.55 to 1.22; P = 0.33), after adjusting for a median of three potential confounders. In three randomized controlled trials (10,037 participants; median follow-up, five years), the use of low-dose aspirin in individuals without dementia was not associated with significantly better global cognition (standardized mean difference, 0.005; 95 percent confidence interval, -0.04 to 0.05; P = 0.84).

"This review found no evidence that low-dose aspirin buffers against [cognitive decline](#) or dementia or improves cognitive test scores in [randomized controlled trials](#)," the authors write.

More information: [Abstract](#)
[Full Text \(subscription or payment may be required\)](#)

Copyright © 2017 [HealthDay](#). All rights reserved.

Citation: Low-dose aspirin no aid against cognitive decline (2017, May 9) retrieved 3 July 2023 from <https://medicalxpress.com/news/2017-05-low-dose-aspirin-aid-cognitive-decline.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.