

Greater benefit for pioglitazone in high-risk patients post stroke

19 September 2017



was 14.7 and 19.6 for patients at higher risk in the pioglitazone and placebo groups, respectively (absolute risk difference, ?4.9 percent; 95 percent confidence interval, ?8.6 to 1.2 percent). Similar hazard ratios were seen for patients below or above the median risk (0.77 versus 0.75; P = 0.92).

"After an [ischemic stroke](#) or transient ischemic attack, patients at higher risk for stroke or MI derive a greater absolute benefit from pioglitazone compared with patients at lower risk," the authors write.

Two authors disclosed financial ties to the pharmaceutical industry.

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

(HealthDay)—For patients after an ischemic stroke or transient ischemic attack, pioglitazone is associated with greater benefit for those at higher risk for stroke or myocardial infarction (MI), according to a study published online Sept. 18 in *JAMA Neurology*.

Walter N. Kernan, M.D., from the Yale School of Medicine in New Haven, Conn., and colleagues conducted a secondary analysis of a trial of [pioglitazone](#) for secondary prevention among [patients](#) with an ischemic stroke or [transient ischemic attack](#) and insulin resistance. Patients were stratified for risk of stroke or MI within five years; the efficacy of pioglitazone for preventing stroke or MI was calculated within each stratum.

The researchers found that the five-year risk for stroke or MI was 6.0 percent in the pioglitazone group compared with 7.9 percent in the placebo group, among patients with lower baseline risk (absolute risk difference, ?1.9 percent; 95 percent confidence interval, ?4.4 to 0.6 percent). The risk

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

APA citation: Greater benefit for pioglitazone in high-risk patients post stroke (2017, September 19) retrieved 5 October 2022 from <https://medicalxpress.com/news/2017-09-greater-benefit-pioglitazone-high-risk-patients.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.