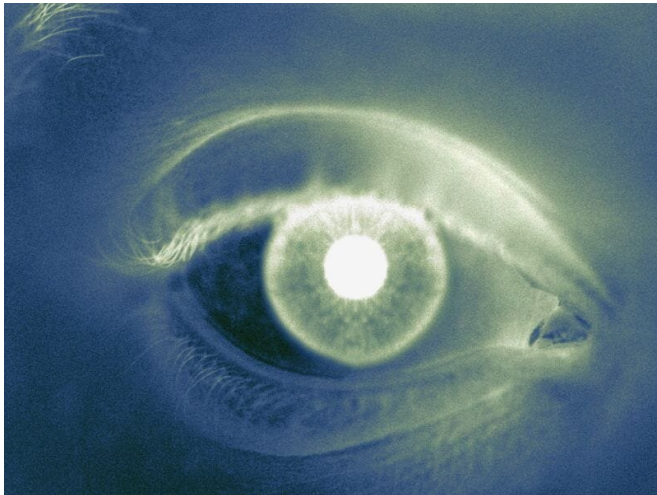


Retinal vein occlusion linked to higher risk for CV events

9 September 2019



1.22 to 1.92], 1.26 [95 percent CI, 1.09 to 1.46], and 1.36 [95 percent CI, 1.02 to 1.81], respectively). There was no correlation between RVO and an increased risk for cardiovascular mortality (pooled risk ratio, 1.78; 95 percent CI, 0.70 to 4.48).

"More studies are needed to clarify the association of RVO and cardiovascular mortality, to determine the highest risk period for cardiovascular events/mortality after RVO, and to determine whether immediate cardiovascular evaluation, intervention for primary or secondary prevention, or counseling will decrease subsequent [cardiovascular events](#) or all-cause mortality," the authors write.

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

(HealthDay)—Retinal vein occlusion (RVO) is associated with an increased risk for cardiovascular events and all-cause mortality, according to a review published in the September issue of *Retina*.

Chris Y. Wu, M.D., from New York Eye and Ear Infirmary of Mount Sinai in New York City, and colleagues conducted a [systematic review](#) and meta-analysis to examine the correlation between baseline RVO and incident cardiovascular events and/or mortality. Data were included from 15 cohort studies with 474,466 patients (60,069 with RVO and 414,397 without RVO); each had a Newcastle-Ottawa scale score ≥ 6 , indicating moderate-to-high quality.

The researchers observed correlations between RVO and an increased risk for stroke, [myocardial infarction](#), heart failure, peripheral arterial disease, and all-cause mortality (pooled risk ratios, 1.45 [95 percent confidence interval (CI), 1.31 to 1.60], 1.26 [95 percent CI, 1.17 to 1.37], 1.53 [95 percent CI,

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

APA citation: Retinal vein occlusion linked to higher risk for CV events (2019, September 9) retrieved 18 October 2019 from <https://medicalxpress.com/news/2019-09-retinal-vein-occlusion-linked-higher.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.