

PPI cuts risk of warfarin-related upper GI bleeding

December 23 2016



(HealthDay)—For patients beginning warfarin therapy, proton pump

inhibitor (PPI) co-therapy is associated with reduced risk of upper gastrointestinal bleeding, according to a study published in the December issue of *Gastroenterology*.

Wayne A. Ray, Ph.D., of the Vanderbilt University School of Medicine in Nashville, Tenn., and colleagues conducted a retrospective cohort study of patients in Tennessee Medicaid and the 5 percent National Medicare Sample. A total of 97,430 new episodes of warfarin treatment were identified, with follow-up of 75,720 person-years.

The researchers found that there were 119 hospitalizations for upper gastrointestinal bleeding per 10,000 person-years of treatment among patients who took warfarin without PPI co-therapy. Patients who received PPI co-therapy had a 24 percent decreased risk (adjusted hazard ratio, 0.76; 95 percent confidence interval, 0.63 to 0.91). In this group there was no significant reduction in the risk of other gastrointestinal bleeding hospitalizations or non-gastrointestinal bleeding hospitalizations. For patients concurrently using antiplatelet drugs or nonsteroidal anti-inflammatory drugs (NSAIDs), there were 284 upper gastrointestinal bleeding hospitalizations per 10,000 person-years of [warfarin treatment](#) for those without PPI co-therapy. With PPI co-therapy the risk was reduced by 45 percent (hazard ratio, 0.55; 95 percent confidence interval, 0.39 to 0.77). For patients not using antiplatelet drugs or NSAIDs, PPI co-therapy had no significant protective effect (hazard ratio, 0.86; 95 percent confidence interval, 0.70 to 1.06).

"PPI co-therapy was associated with [reduced risk](#) of warfarin-related [upper gastrointestinal bleeding](#)," the authors write.

More information: [Full Text](#)

Copyright © 2016 [HealthDay](#). All rights reserved.

Citation: PPI cuts risk of warfarin-related upper GI bleeding (2016, December 23) retrieved 26 April 2024 from <https://medicalxpress.com/news/2016-12-ppi-warfarin-related-upper-gi.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.