

# Recommended therapies for polycythemia vera underused

November 27 2018

---



(HealthDay)—Among older patients with polycythemia vera (PV),

therapeutic phlebotomy and hydroxyurea (HU) are associated with improved overall survival and decreased risk for thrombosis but are underused, according to a study recently published in *Blood Advances*.

Nikolai A. Podoltsev, M.D., Ph.D., from Yale University in New Haven, Connecticut, and colleagues conducted a retrospective cohort study in 820 [older adults](#) (median age, 77 years) diagnosed with PV from 2007 to 2013 using the linked Surveillance, Epidemiology, and End Results-Medicare database.

The researchers found that 16.3 percent of patients received neither phlebotomy nor HU, 23 percent were managed with phlebotomy only, 19.6 percent were managed with HU only, and 41.1 percent were managed with both treatments. During a median of 2.83 years of follow-up, 37.2 percent of patients died. Lower mortality was significantly associated with phlebotomy (yes/no; hazard ratio [HR], 0.65), increasing phlebotomy intensity (HR, 0.71), and a higher proportion of days covered by HU. There was a lower risk for thrombotic events associated with phlebotomy (yes/no; HR, 0.52) and increasing phlebotomy intensity (HR, 0.46). A higher proportion of days covered by HU was also associated with a significantly lower risk for thrombotic events.

"In this population-based study of older adults with PV reflecting contemporary clinical practice, phlebotomy and HU were associated with improved overall survival and decreased risk of thrombosis," the authors write. "However, both treatment modalities were underused."

Several authors disclosed financial ties to the pharmaceutical industry.

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

Copyright © 2018 [HealthDay](#). All rights reserved.

Citation: Recommended therapies for polycythemia vera underused (2018, November 27)  
retrieved 19 September 2024 from

<https://medicalxpress.com/news/2018-11-therapies-polycythemia-vera-underused.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.