

Primary aldosteronism testing rare in treatment-resistant hypertension

December 29 2020



(HealthDay)—Patients with apparent treatment-resistant hypertension

are rarely tested for primary aldosteronism, according to a study published online Dec. 29 in the *Annals of Internal Medicine*.

Jordana B. Cohen, M.D., from the University of Pennsylvania in Philadelphia, and colleagues examined the testing rate for [primary aldosteronism](#) and evidence-based [hypertension](#) management for treatment-resistant hypertension in a retrospective cohort study. Data were included for 269,010 veterans from the U.S. Veterans Health Administration with apparent treatment-resistant hypertension from 2000 to 2017.

The researchers found that 1.6 percent of patients were tested for primary aldosteronism. The likelihood of testing was increased with an index visit to a nephrologist or an endocrinologist compared with [primary care](#) (hazard ratios, 2.05 and 2.48, respectively). There was an association noted between testing and an increased likelihood of initiating mineralocorticoid receptor antagonist (MRA) therapy (hazard ratio, 4.10) and with better blood pressure control over time.

"The consequences of undertesting for primary aldosteronism and underuse of MRAs in patients with apparent treatment-resistant hypertension may be substantial, potentially increasing morbidity and mortality," the authors write. "Our findings suggest an opportunity to introduce innovative practices to meaningfully improve education of providers and increase testing to enhance management in this high-risk patient population."

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

Copyright © 2020 [HealthDay](#). All rights reserved.

Citation: Primary aldosteronism testing rare in treatment-resistant hypertension (2020, December 29) retrieved 26 April 2024 from <https://medicalxpress.com/news/2020-12-primary-aldosteronism-rare-treatment-resistant-hypertension.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.