

Community intervention among low-income patients results in improved blood pressure control

19 September 2017



centers in Argentina providing free health care to uninsured, low-income adult <u>patients</u> with uncontrolled hypertension patients (n = 1,432). The multicomponent intervention included a <u>community</u> <u>health</u> worker-led home intervention (health coaching, home <u>blood pressure</u> [BP] monitoring, and BP audit and feedback), a physician intervention, and a text-messaging intervention.

Over 18 months, patients in the intervention group experienced a greater decrease in systolic and diastolic BP than did patients who received usual care. The proportion of patients with controlled hypertension (BP

Credit: CC0 Public Domain

Low-income patients in Argentina with uncontrolled high blood pressure who participated in a community health worker-led multicomponent intervention experienced a greater decrease in systolic and diastolic blood pressure over 18 months than did patients who received usual care, according to a study published by *JAMA*.

Despite extensive knowledge of <u>hypertension</u> <u>prevention</u> and treatment, the global prevalence of hypertension is high and increasing, while the proportion of controlled hypertension is low, especially in low- and <u>middle-income countries</u>. Developing and implementing effective, affordable, and sustainable programs for hypertension control is a public health priority in low and middle-income countries.

Jiang He, M.D., Ph.D., of the Tulane University School of Public Health and Tropical Medicine, New Orleans, and colleagues randomly assigned to a multicomponent intervention or usual care 18



APA citation: Community intervention among low-income patients results in improved blood pressure control (2017, September 19) retrieved 22 August 2022 from https://medicalxpress.com/news/2017-09-intervention-low-income-patients-results-blood.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.