

U.S. Preventive Services Task Force recommends screening for hypertensive disorders of pregnancy

September 19 2023, by Elana Gotkine



The U.S. Preventive Services Task Force (USPSTF) recommends screening for hypertensive disorders of pregnancy at each prenatal visit. This recommendation forms the basis of a final recommendation statement published in the Sept. 19 issue of the *Journal of the American Medical Association*.

Jillian T. Henderson, Ph.D., from the Kaiser Permanente Evidence-based Practice Center in Portland, Oregon, and colleagues conducted a [systematic review](#) to update the evidence on the effectiveness of screening for hypertensive disorders of pregnancy. The review included six fair-quality studies, with 10,165 participants, which compared changes in prenatal screening practices to usual care (routine screening at in-person office visits).

The researchers found that the studies did not report significant differences in maternal and infant complications in association with alternate strategies versus usual care; for serious, rare health outcomes, estimates were imprecise. Home blood pressure measurement added to prenatal care visits was not associated with earlier diagnosis of hypertensive disorders of pregnancy. No difference in incidence was seen between the groups in three trials of reduced prenatal visit schedules.

Based on these findings, the USPSTF concludes that screening for hypertensive disorders in pregnancy with blood pressure measurements has substantial net benefit. Screening is recommended in asymptomatic pregnant persons throughout pregnancy (B [recommendation](#)).

"The [task force](#) continues to find that measuring [blood pressure](#) at each prenatal visit is an effective way to screen for hypertensive disorders of pregnancy," USPSTF member Esa Davis, M.D., M.P.H., said in a statement. "Because these conditions can cause serious health issues, screening is an important way to keep pregnant people and their babies

healthy."

More information: Jillian T. Henderson et al, Screening for Hypertensive Disorders of Pregnancy, *JAMA* (2023). [DOI: 10.1001/jama.2023.4934](https://doi.org/10.1001/jama.2023.4934)

Screening for Hypertensive Disorders of Pregnancy, *JAMA* (2023). [DOI: 10.1001/jama.2023.16991](https://doi.org/10.1001/jama.2023.16991)

Anna E. Denoble et al, Hypertension Screening in Pregnancy, *JAMA* (2023). [DOI: 10.1001/jama.2023.15088](https://doi.org/10.1001/jama.2023.15088)

Srilakshmi Mitta et al, Screening for Hypertensive Disorders of Pregnancy in the US—A New Hypertensive Urgency, *JAMA Internal Medicine* (2023). [DOI: 10.1001/jamainternmed.2023.4723](https://doi.org/10.1001/jamainternmed.2023.4723)

Janelle Santos et al, Early Identification of Individuals at Risk for Hypertensive Disorders of Pregnancy, *JAMA Network Open* (2023). [DOI: 10.1001/jamanetworkopen.2023.34858](https://doi.org/10.1001/jamanetworkopen.2023.34858)

Copyright © 2023 [HealthDay](https://www.healthday.com). All rights reserved.

Citation: U.S. Preventive Services Task Force recommends screening for hypertensive disorders of pregnancy (2023, September 19) retrieved 28 April 2024 from <https://medicalxpress.com/news/2023-09-task-screening-hypertensive-disorders-pregnancy.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.