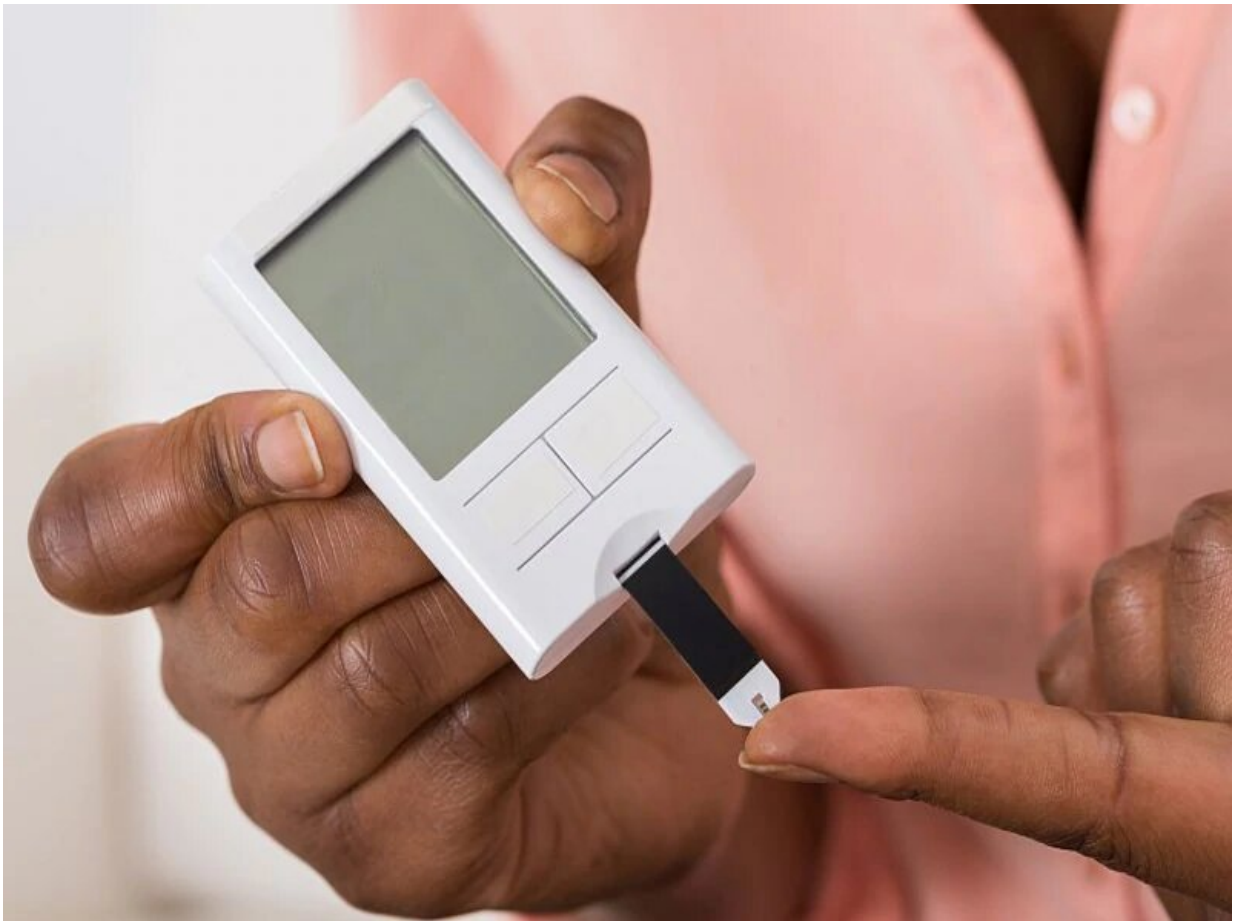


# HbA1c minimally adds to CVD risk prediction in prediabetes

December 20 2019

---



(HealthDay)—For individuals with prediabetes, hemoglobin A1c

(HbA1c) minimally adds to cardiovascular disease (CVD) risk prediction, according to a study published online Dec. 18 in *Diabetes Care*.

Claire Welsh, Ph.D., from the Institute of Cardiovascular & Medical Sciences at the University of Glasgow in the United Kingdom, and colleagues examined whether HbA1c affects CVD risk assessment among 358,275 U.K. Biobank participants without baseline CVD or known diabetes. The associations between HbA1c and CVD were examined while adjusting for classical risk factors.

The researchers found that during 8.9 years, incident fatal or nonfatal CVD, as defined in the QRISK3 prediction model, occurred in 12,894 participants. Of the participants, 3.3 and 0.7 percent had prediabetes and undiagnosed diabetes, respectively. Compared with the reference group (HbA1c,

Citation: HbA1c minimally adds to CVD risk prediction in prediabetes (2019, December 20) retrieved 7 May 2023 from

<https://medicalxpress.com/news/2019-12-hba1c-minimally-cvd-prediabetes.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.