

Physical function limitations prevalent in prediabetes

June 18 2013

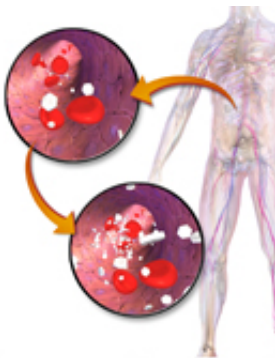


Image courtesy of Blausen Medical

Middle-aged and older adults with prediabetes have an increased likelihood of physical function limitations, according to a study published online June 11 in *Diabetes Care*.

(HealthDay)—Middle-aged and older adults with prediabetes have an increased likelihood of physical function limitations, according to a study published online June 11 in *Diabetes Care*.

Pearl G. Lee, M.D., from the University of Michigan in Ann Arbor, and colleagues evaluated the prevalence of physical function limitations using data from 5,991 respondents ≥ 53 years of age participating in the 2006 wave of the Health and Retirement Study. Physical function limitations and comorbidities ([chronic diseases](#) and geriatric conditions) were self-reported by all respondents.

Twenty-eight percent of respondents had prediabetes, with measured glycosylated hemoglobin of 5.7 to 6.4 percent. The researchers found that 32 percent of respondents had [mobility limitations](#) (walking several blocks and/or climbing a flight of stairs), while 56 and 33 percent, respectively, had lower- (getting up from a chair and/or stooping, kneeling, or crouching) and upper-extremity limitations (pushing or pulling heavy objects and/or lifting over 10 pounds). The highest prevalence of comorbidities and physical function limitations was seen for those with diabetes, followed by those with prediabetes and normoglycemia. Those with prediabetes had significantly higher odds of having functional limitations that affected mobility, the lower extremities, and the upper extremities (odds ratio, 1.48, 1.35, and 1.37, respectively), compared to those with normoglycemia. After adjustment for age, sex, and [body mass index](#), the odds of having lower-extremity limitation was still significantly increased (odds ratio, 1.21).

"Comorbidities and physical function limitations are prevalent among middle-aged and older adults with prediabetes," the authors write.

"Effective [lifestyle interventions](#) to prevent diabetes must accommodate physical function limitations."

More information: [Abstract](#)

[Full Text \(subscription or payment may be required\)](#)

[Health News](#) Copyright © 2013 [HealthDay](#). All rights reserved.

Citation: Physical function limitations prevalent in prediabetes (2013, June 18) retrieved 18 April 2024 from <https://medicalxpress.com/news/2013-06-physical-function-limitations-prevalent-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. |
|---|