

High unawareness of distal sensorimotor polyneuropathy

10 January 2013



Image courtesy of Blausen Medical

A high percentage of older adults with diabetes and prediabetes are unaware of having clinical distal sensorimotor polyneuropathy, according to a study published online Dec. 28 in *Diabetes Care*.

(HealthDay)—A high percentage of older adults with diabetes and prediabetes are unaware of having clinical distal sensorimotor polyneuropathy (DSPN), according to a study published online Dec. 28 in *Diabetes Care*.

Brenda W.C. Bongaerts, Ph.D., from the Heinrich Heine University Düsseldorf in Germany, and colleagues assessed the prevalence of DSPN among 1,100 participants (aged 61 to 82 years old) from a population-based cohort study who underwent [glucose tolerance](#) testing. The presence of bilaterally impaired foot-vibration perception and/or bilaterally impaired foot-pressure sensation was used to define clinical DSPN.

The researchers found that 154 participants (14 percent) had prevalent clinical DSPN, 140 of whom were unaware of their disorder. Participants with combined impaired fasting glucose and impaired glucose tolerance had the highest prevalence of DSPN (23.9 percent prevalence, with 10 of 11 unaware of their condition). DSPN was equally highly prevalent in participants with known diabetes (22.0 percent prevalence; 77 percent unaware of their condition). Eighteen of 25 (72 percent) clinical case subjects with known diabetes

who reported having their feet examined by a physician were unaware of having DSPN.

"In conclusion, our findings show a high prevalence of unawareness of having clinical DSPN among subjects with [prediabetes](#) and with diabetes," the authors write. "Overall, these results suggest inadequate attention to diabetic foot prevention practice and insufficient adherence to the clinical guidelines for [diabetes care](#) necessary to prevent further development of severe diabetic foot complications."

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

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

APA citation: High unawareness of distal sensorimotor polyneuropathy (2013, January 10) retrieved 3 October 2022 from <https://medicalxpress.com/news/2013-01-high-unawareness-distal-sensorimotor-polyneuropathy.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.