

High risk of death after major diabetes-related amputations

April 27 2018



(HealthDay)—There is a high risk of postoperative mortality among

patients undergoing lower-limb amputation, according to a study published online April 5 in *Diabetes Care*.

Jason K. Gurney, Ph.D., from University of Otago in Wellington, New Zealand, and colleagues calculated postoperative mortality after lower-limb amputation in a national prevalent cohort of 302,339 individuals diagnosed with diabetes between 2005 and 2014.

The researchers found that 6,352 lower-limb amputations occurred over the study period (2,570 major amputations, 3,782 minor amputations). Of those who underwent major amputation, more than 11 percent of patients died within 30 days and 18 percent died within 90 days. Older patients and indigenous Maori were more likely to die. However, sex, deprivation, rurality, hospital volume, admission type, and patient comorbidity were not consistently or substantially independently associated with risk of postoperative mortality.

"In a national prevalent cohort of patients with diabetes, there was [high risk](#) of postoperative mortality as well as a differential risk of postoperative mortality by demographic subgroup," the authors write. "Further work is required to investigate the drivers of postoperative mortality among patients with diabetes who undergo [amputation](#)."

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

Copyright © 2018 [HealthDay](#). All rights reserved.

Citation: High risk of death after major diabetes-related amputations (2018, April 27) retrieved 24 April 2024 from <https://medicalxpress.com/news/2018-04-high-death-major-diabetes-related-amputations.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.