

Performance on exercise test predicts risk of death from cardiovascular disease and cancer

December 6 2018



Credit: CC0 Public Domain

Performance on an exercise test predicts the risk of death from cardiovascular disease, cancer, and other causes, reports a study presented today at EuroEcho-Imaging 2018. Good performance on the test equates to climbing three floors of stairs very fast, or four floors fast, without stopping. The findings underline the importance of fitness

for longevity.

The study included 12,615 [participants](#) with known or suspected [coronary artery disease](#). Participants underwent treadmill exercise echocardiography, in which they were asked to walk or run, gradually increasing the intensity, and continue until exhaustion. Watch a video of the technique [here](#). The test also generates images of the heart to check its function.

During a median 4.7-year follow-up, there were 1,253 cardiovascular deaths, 670 [cancer](#) deaths, and 650 deaths from other causes. After adjusting for age, sex, and other factors that could potentially influence the relationship, each MET (metabolic equivalent) achieved was independently associated with 9%, 9%, and 4% lower risks of cardiovascular death, cancer death, and other causes of death during follow-up.

The death rate from [cardiovascular disease](#) was nearly three times higher in participants with poor compared to good functional capacity (3.2% versus 1.2%, p

Citation: Performance on exercise test predicts risk of death from cardiovascular disease and cancer (2018, December 6) retrieved 19 April 2024 from <https://medicalxpress.com/news/2018-12-death-cardiovascular-disease-cancer.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.