

Amount or intensity? Study examines potential benefits of exercise for patients with heart failure

December 6 2017

Physical activity can benefit patients with heart failure with preserved ejection fraction, a common condition with no pharmacological treatment, but no clear recommendations exist on the optimal amount or intensity of physical activity for these patients.

A new *ESC Heart Failure* study found that a higher amount of [physical activity](#) is related to higher sub-maximal [exercise capacity](#) and physical dimensions of quality of life; however, only high-intensity exercise is associated with maximal exercise capacity.

The study used the 6 minute walking test to assess sub-maximal exercise capacity. The distance covered over a time of 6 minutes is used as the outcome by which to compare changes in exercise capacity.

Peak oxygen uptake was used to assess maximal exercise capacity, explained senior author Prof. Frank Edelmann, of Charité—Universitätsmedizin Berlin, in Germany.

More information: *ESC Heart Failure*, [DOI: 10.1002/ehf.12227](https://doi.org/10.1002/ehf.12227)

Provided by Wiley

Citation: Amount or intensity? Study examines potential benefits of exercise for patients with heart failure (2017, December 6) retrieved 10 April 2024 from <https://medicalxpress.com/news/2017-12-amount-intensity-potential-benefits-patients.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.