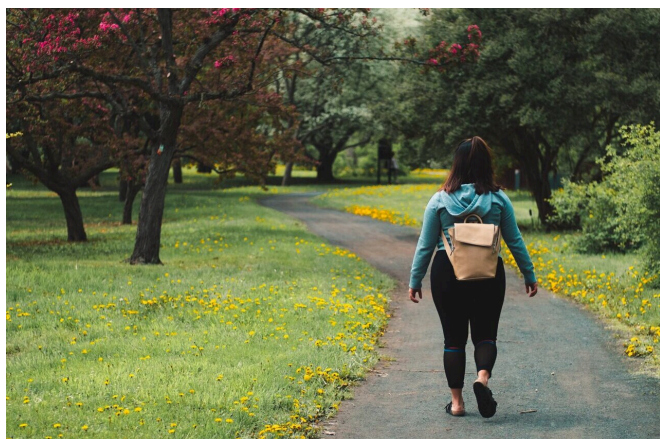


# Study shows how getting your steps in can reduce risk of dementia by 50%

10 October 2022, by Anagha Ramakrishnan



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It may be time to pull out your step counters and start adding walking to your daily to-do lists. A recent U.K. study indicates taking 10,000 steps each day can help cut your risk of dementia by half.

Researchers monitored the steps of 78,430 adults between the ages of 40 and 79 over seven years. Results showed that 9,800 steps a day could reduce the [risk of dementia](#) by half, and there was no added reduction of risk if participants went over that number. Walking fewer steps daily, such as taking 3,800 steps, was found to reduce the risk by 25%.

The study was published in the journal *JAMA Neurology*.

"Walking is associated with better vascular profiles, which is probably the clearest pathway through which steps may benefit dementia," The study's first author Borja del Pozo Cruz told Today. "(It's) likely that [vascular dementia](#) is the most preventable through physical activity."

Vascular dementia, the second most common type of dementia after Alzheimer's, affects memory, concentration, and thought processes, according to the U.K.-based Alzheimer's Society. Since [aerobic exercises](#) such as walking increase blood flow to the brain and can improve memory function, it's no surprise that 10,000 steps a day can potentially reduce the risk of dementia.

While the research had a large sample size, there are still limitations to the study.

"The population sampled was majority white, and therefore may not be generalizable to other race/[ethnic groups](#)," Dr. Claire Sexton, Alzheimer's Association senior director of scientific programs and outreach, who was not involved in the study, told Medical News Today. "This study also does not demonstrate definitive causation between [step count](#) and dementia risk; therefore, more research is needed."

A previous study has shown that moderate exercise may reduce the risk of dementia by a third. However, this research proves that walking may be the best way to reduce your risk. Walking at least 10,000 steps a day has other benefits, too, such as reducing other conditions such as [heart disease](#) and [high blood pressure](#), according to Healthline.

"This study represents an important contribution to step count–based recommendations for dementia prevention," the study's authors concluded. "Step count–based recommendations have the advantage of being easy to communicate, interpret and measure, and may be particularly relevant for people who accumulate their physical activity in an unstructured manner."

**More information:** Borja del Pozo Cruz et al, Association of Daily Step Count and Intensity With Incident Dementia in 78 430 Adults Living in the UK, *JAMA Neurology* (2022). [DOI: 10.1001/jamaneurol.2022.2672](#)

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APA citation: Study shows how getting your steps in can reduce risk of dementia by 50% (2022, October 10) retrieved 22 October 2022 from <https://medicalxpress.com/news/2022-10-dementia.html>

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