

Walnuts have been Shown to be Effective in the Treatment of Cardiovascular Disease in a Study

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Editorial

According to research from a randomised controlled study, walnuts have the potential to prevent significant risk factors for heart disease, and that 'people who eat walnuts on a daily basis can have a lower risk of heart disease.' According to research from a randomised controlled study, walnuts have the potential to prevent significant risk factors for heart disease, with people who eat walnuts on a daily basis having a lower risk of heart disease than those who do not.

Walnut intake was associated with a substantial reduction in inflammation, as measured by the concentration of recognised inflammatory markers in the blood, which was reduced by up to 11.5%. Six of the ten well-known inflammatory markers measured in the study, including interleukin-1b, a potent pro-inflammatory cytokine whose pharmacologic inactivation has been closely correlated with lower rates of coronary heart disease, were significantly reduced on the walnut diet. The study was part of the Walnuts and Healthy Aging (WAHA) trial, which is the largest and longest study on the benefits of walnut intake on a daily basis to date. The research was published in the American College of Cardiology's Journal. The researchers concluded that walnuts' anti-inflammatory properties offer a mechanistic explanation for cardiovascular disease reduction that goes beyond cholesterol reduction.

"Acute inflammation is a physiological process that occurs when the immune system is activated by injuries such as trauma or infection, and it is an effective body defence. Short-term inflammation aids in the healing of wounds and the battle against infections, but chronic inflammation, which is caused by factors such as poor diet, obesity, stress, and high blood pressure, is harmful rather than beneficial, particularly to cardiovascular health. Atherosclerosis, or the buildup of plaque or "hardening" of the arteries, is the leading cause of heart attacks and strokes. Chronic inflammation is a major factor in the development and progression of atherosclerosis. As a result, chronic inflammation plays a big role in the severity of atherosclerosis, and dietary and lifestyle changes are crucial for slowing it down. Although the findings are positive, the analysis is not without flaws. Participants in the study were healthy, active older adults who could consume a range of foods other than walnuts. In addition, more research is required in communities that are more diverse and vulnerable.

How to cite this article: Balaguru Duraisamy. "Walnuts have been Shown to be Effective in the Treatment of Cardiovascular Disease in a Study". *J Cardiovasc Dis Diagn* 9 (2021) doi: 10.37421/jcdd.2020.9.437

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Received: 04 March, 2021; **Accepted:** 18 March, 2021; **Published:** 25 March, 2021

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