

New study shows aged garlic extract can reduce dangerous plaque buildup in arteries

January 21 2016



The supplement Aged Garlic Extract can reverse the buildup of deadly plaque in arteries and help prevent the progression of heart disease, according to a new study scheduled for publication in the *Journal of Nutrition*.

The research, conducted at LA BioMed, found a reduction in the amount

of low-attenuation [plaque](#), or "soft plaque," in the arteries of patients with metabolic syndrome who took Aged Garlic Extract. Metabolic syndrome is characterized by obesity, hypertension and other [cardiac risk factors](#).

"This study is another demonstration of the benefits of this supplement in reducing the accumulation of soft plaque and preventing the formation of new plaque in the arteries, which can cause [heart disease](#)," said Matthew J. Budoff, MD, an LA BioMed lead researcher. "We have completed four randomized studies, and they have led us to conclude that Aged Garlic Extract can help slow the progression of atherosclerosis and reverse the early stages of heart disease."

The study involved 55 patients, aged 40 to 75 years, who had been diagnosed with [metabolic syndrome](#). All the participants underwent screening at the beginning of the study to measure the total coronary plaque volume as well as dense calcium, non-calcified plaque and low-attenuation plaque. The screening was conducted using Cardiac Computed Tomography Angiography (CCTA), a noninvasive imaging technology that accurately measures calcium deposits and [plaque buildup](#) in the arteries.

Following evaluation, the participants were given either a placebo or a dose of 2,400 milligrams of Aged Garlic Extract every day. A follow-up screening conducted a year after the initial screening found those who had taken Aged Garlic Extract had slowed total plaque accumulation by 80%, reduced soft plaque and demonstrated regression (less plaque on follow-up) for low-attenuation plaque.

Provided by Los Angeles Biomedical Research Institute at Harbor

Citation: New study shows aged garlic extract can reduce dangerous plaque buildup in arteries

(2016, January 21) retrieved 19 July 2023 from <https://medicalxpress.com/news/2016-01-aged-garlic-dangerous-plaque-buildup.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.