

Can citrus ward off your risk of stroke?

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Eating foods that contain vitamin C may reduce your risk of the most common type of hemorrhagic stroke, according to a study released today that will be presented at the American Academy of Neurology's 66th Annual Meeting in Philadelphia, April 26 to May 3, 2014.

Vitamin C is found in fruits and vegetables such as oranges, papaya, peppers, broccoli and strawberries. Hemorrhagic stroke is less common than [ischemic stroke](#), but is more often deadly.

The study involved 65 people who had experienced an intracerebral [hemorrhagic stroke](#), or a blood vessel rupture inside the brain. They were compared to 65 healthy people. Participants were tested for the levels of vitamin C in their blood. Overall, 41 percent of participants had normal levels of vitamin C, 45 percent showed depleted levels of vitamin C and 14 percent were considered deficient of the vitamin.

On average, the people who had a stroke had depleted levels of vitamin C, while those who had not had a stroke had normal levels of the vitamin.

"Our results show that vitamin C deficiency should be considered a risk factor for this severe type of stroke, as were high [blood pressure](#), drinking alcohol and being overweight in our study," said study author Stéphane Vannier, MD, with Pontchaillou University Hospital in Rennes, France. "More research is needed to explore specifically how vitamin C may help to reduce stroke risk. For example, the vitamin may regulate blood pressure."

Vannier adds that [vitamin C](#) appears to have other benefits like creating collagen, a protein found in bones, skin and tissues.

Vitamin C deficiency has also been linked to heart disease.

Provided by American Academy of Neurology

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