

Study finds high protein diets lead to lower blood pressure

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A medical student checking blood pressure using a sphygmomanometer and stethoscope. Image: Wikipedia.

Adults who consume a high-protein diet may be at a lower risk for developing high blood pressure (HBP). The study, published in the *American Journal of Hypertension*, by researchers from Boston University School of Medicine (BUSM), found participants consuming the highest amount of protein (an average of 100 g protein/day) had a 40 percent lower risk of having high blood pressure compared to the lowest intake level.

One of three U.S. adults has hypertension and 78.6 million are clinically obese, a risk factor for the development of hypertension. Because of the strain that it puts on <u>blood vessel walls</u>, HBP is one of the most common risk factors of stroke and an accelerator of multiple forms of heart



disease, especially when paired with excess body weight.

The researchers analyzed protein intakes of healthy participants from the Framingham Offspring Study and followed them for development of high blood pressure over an 11-year period. They found that adults who consumed more protein, whether from animal or plant sources, had statistically significantly lower systolic blood pressure and diastolic blood pressure levels after four years of follow-up. In general, these beneficial effects were evident for both overweight (BMI ≥25 kg/m2) and normal weight (BMI

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