

# New study highlights benefits of weekly nutrition classes to improve type 2 diabetes

April 6 2018



Prescriptions are not enough -- diet changes and nutrition education make the difference in people with diabetes, according to a study published in the *Journal of the Academy of Nutrition and Dietetics*. Credit: Physicians Committee for Responsible Medicine

Prescriptions are not enough—diet changes and nutrition education make the difference in people with diabetes, according to a study published in the *Journal of the Academy of Nutrition and Dietetics*.

Researchers from the Physicians Committee for Responsible Medicine set up a study in a private endocrinology office in Washington, D.C. After working hours, the researchers put the waiting room chairs in a circle and conducted free [nutrition](#) classes for [diabetes patients](#). Although the patients' [diabetes](#) was generally well-controlled at the outset, the classes significantly improved their weight, blood sugars, and cholesterol levels.

Two different diets both proved effective during the 20-week study: a low-fat, vegan [diet](#) and a portion-controlled eating pattern. Both groups ate less meat and less fat and cholesterol.

These results suggest the potential for a simple, inexpensive dietary intervention to improve [diabetes management](#).

"Doctors can turn their waiting rooms into classrooms. It's simple and very effective," says study author Neal Barnard, M.D. "Patients learn about healthy food changes, and can share tips, swap recipe ideas, and work through challenges together."

"Being in a class with other people who have the same goals has kept me on track," notes one study participant.

Previous studies have shown that dietary interventions are effective for diabetes management, because unlike medications, they typically improve several health markers simultaneously. Plant-based diets, which are free of animal fat and cholesterol, are especially beneficial, because they treat the root cause of type 2 diabetes by reducing fat inside the cells, which improves insulin function. Plant-based diets also benefit body weight, lipid control, glycemic control, and blood pressure.

"Nutrition is one of the most powerful tools we have in the fight against diabetes," adds Dr. Barnard. "This study shows that even clinicians who

are pressed for time can harness that power by offering group instruction to their patients."

More than 100 million Americans now live with prediabetes or diabetes, which is a leading contributor to cardiovascular disease, blindness, amputations, and renal impairment.

The Barnard Medical Center in Washington, D.C., already puts this information into practice by offering weekly [nutrition education](#) classes and support groups for patients. To learn more, visit [BarnardMedical.org](#).

Founded in 1985, the Physicians Committee for Responsible Medicine is a nonprofit health organization that promotes preventive medicine, conducts clinical research, and encourages higher standards for ethics and effectiveness in research and medical training.

**More information:** Neal D. Barnard et al, Turning the Waiting Room into a Classroom: Weekly Classes Using a Vegan or a Portion-Controlled Eating Plan Improve Diabetes Control in a Randomized Translational Study, *Journal of the Academy of Nutrition and Dietetics* (2018). [DOI: 10.1016/j.jand.2017.11.017](#)

Provided by Physicians Committee for Responsible Medicine

Citation: New study highlights benefits of weekly nutrition classes to improve type 2 diabetes (2018, April 6) retrieved 23 April 2024 from <https://medicalxpress.com/news/2018-04-highlights-benefits-weekly-nutrition-classes.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.