

# Drinking water prior to meals may help weight loss

May 3 2016, by Peter Janiszewski

---

It has often been recommended in popular weight-loss programs that overweight and obese individuals hoping to shed unwanted pounds should drink more water.

As is often the case, the evidence base behind this recommendation was rather scant. Fortunately, a study published in the journal *Obesity* suggests the recommendation may be quite sound.

In the study, Dennis and colleagues randomized overweight/obese older men and women to either a hypocaloric diet alone or a hypocaloric diet plus increased [water](#) consumption for a duration of 12 weeks.

The hypocaloric diet consisted of 1200 [calories](#) for the women and 1500 calories for the men. Those in the diet + increased water group were required to consume 500 ml of water (2 cups) 30 minutes prior to each of the 3 large daily meals (breakfast, lunch, dinner).

## And what did they find?

While participants in both groups lost a significant amount of weight (5-8kg) in response to the diet, those who also consumed more water before their meals lost an additional 2 kg in comparison to the [diet](#) only group.

The greater weight loss in the group consuming pre-meal water could be

the result of smaller caloric intake during each meal (~40 calories less per meal), as shown during the baseline laboratory test meals comparing no-water to water meal conditions in all the subjects.

While this is the first randomized trial to investigate the effect of increased water consumption on [weight loss](#), the findings are in agreement with prior epidemiological studies showing that [caloric intake](#) in water drinkers is on average 200 calories less than among non water drinkers.

This study provides compelling evidence to encourage all those attempting to lose weight to increase their daily intake of water to help in their efforts. Specifically, one should consume approximately 2 cups of water, about half an hour prior to most meals.

As Travis has previously described, drinking more water will also have the added bonus of forcing you to take bathroom breaks, thereby increasing your level of physical activity.

**More information:** Elizabeth A. Dennis et al. Water Consumption Increases Weight Loss During a Hypocaloric Diet Intervention in Middle-aged and Older Adults, *Obesity* (2009). [DOI: 10.1038/oby.2009.235](https://doi.org/10.1038/oby.2009.235)

*This story is republished courtesy of PLOS Blogs: [blogs.plos.org](https://blogs.plos.org).*

Provided by Public Library of Science

Citation: Drinking water prior to meals may help weight loss (2016, May 3) retrieved 20 September 2024 from <https://medicalxpress.com/news/2016-05-prior-meals-weight-loss.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.