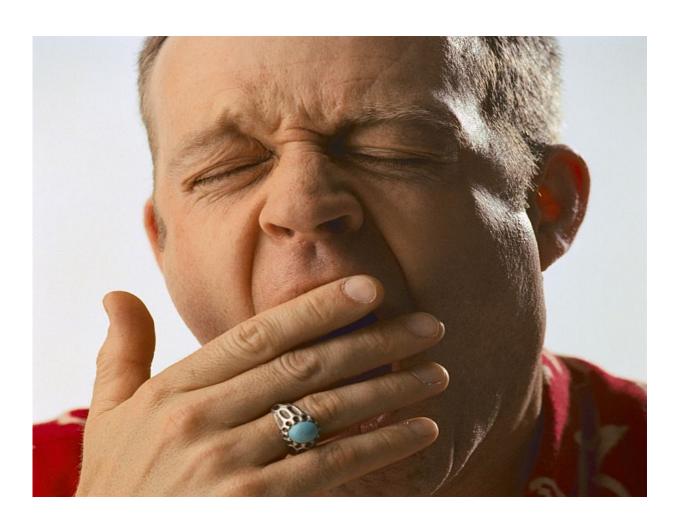


Review: intentional weight loss improves daytime sleepiness

January 30 2017



(HealthDay)—For overweight or obese adults, intentional weight loss is



associated with improvement in daytime sleepiness, according to a review published online Jan. 24 in *Obesity Reviews*.

Winda L. Ng, from the Baker IDI Heart and Diabetes Institute in Melbourne, Australia, and colleagues examined the extent to which intentional <u>weight loss</u> affects <u>daytime sleepiness</u>. Data were included from 42 studies that involved overweight or <u>obese adults</u>, a weight loss intervention, and repeated valid measures of daytime sleepiness.

The researchers observed large improvements in daytime sleepiness in 15 before-and-after studies on surgical weight loss interventions (standardized effect size, -0.97). Small-to-moderate improvements were seen in daytime sleepiness in 27 studies on non-surgical weight loss interventions (standardized effect size, -0.40); there was no difference between controlled and before-and-after studies. The amount of weight loss was correlated in a nonlinear manner with change in daytime sleepiness.

"This review suggests that weight loss interventions improve daytime sleepiness, with a clear dose-response relationship," the authors write. "This supports the previously hypothesized causal effect of obesity on daytime sleepiness. It is important to assess and manage daytime sleepiness in <u>obese patients</u>."

Several authors disclosed financial ties to the pharmaceutical and nutrition industries.

More information: <u>Full Text (subscription or payment may be required)</u>

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Citation: Review: intentional weight loss improves daytime sleepiness (2017, January 30) retrieved 27 April 2024 from

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