



Singapore Journal of

Scientific Research

ISSN: 2010-006x

science
alert

<http://scialert.net/sjsr>

Shape Up the Quick Way: Lose Weight Fast for Lasting Results Suggests New Study

If you thought the best way to lose and maintain weight was the slow and steady approach, think again. A new study by Lisa Nackers and colleagues, from the University of Florida in the US, suggests that the key to long-term weight loss and maintenance is to lose weight quickly, not gradually, in the initial stages of obesity treatment. Their findings are published online in Springer's International Journal of Behavioral Medicine.

Successful weight loss in obese individuals is defined as a reduction of 10 percent or more of initial body weight maintained for at least a year. The jury is still out, however, as to whether fast or slow initial weight loss is the best approach for long-term weight control in obese patients. On the one hand, there is evidence that losing weight slowly initially results in continued weight loss, reduced risk of weight regain, and successful long-term weight loss maintenance. On the other hand, it has also been shown that the greater the initial weight loss in obese patients, the larger the total weight loss observed longer term.

Nackers and team's study examines the association between rate of initial weight loss and long-term maintenance of lost weight, by looking specifically at whether losing weight at a slow initial rate results in larger long-term weight reduction and less weight regain than losing weight at a fast initial rate.

The authors analyzed data for 262 middle-aged obese women who took part in the Treatment of Obesity in Underserved Rural Settings (TOURS) trial. These women followed a six-month lifestyle program encouraging them to reduce their calorie intake and increase their moderate intensity physical activity to achieve an average weight loss of 0.45kg per week. They were then supported for a further year with an extended care program involving contact twice a month in the form of group sessions, telephone contact or newsletters.

Nackers and team split the women into three groups according to how much weight they lost in the first month of the intervention? Women in the FAST group lost over 0.68kg per week; those in the MODERATE group lost between 0.23 and 0.68kg per week; women in the SLOW group lost less than 0.23kg per week in that first month. The authors then looked at the women's weight loss at 6 and 18 months, as well as any weight regain.

They found that there were long-term advantages to fast initial weight loss. Fast weight losers lost more weight overall, maintained their weight loss for longer and were not more likely to put weight back on than the more gradual weight losers. In particular, women in the FAST group were five times more likely to achieve the clinically significant 10 percent weight loss at 18 months than those in the SLOW group and those in the MODERATE group were nearly three times more likely to achieve this milestone than women in the SLOW group.

The authors conclude: "Our study provides further evidence that, within the context of lifestyle treatment, losing weight at a fast initial rate leads to greater short-term weight reductions, does not result in increased susceptibility to weight regain, and is associated with larger weight losses and overall long-term success in weight management. We suggest that, within lifestyle weight control programs, substantial efforts should be focused on promoting large rather than small behavioral changes during the initial weeks of treatment."