Short-term studies of orlistat have shown slightly more dramatic results. Researchers at the National Institute of Child Health and Human Development tested 20 adolescents, aged 12-16, over a three-month period and found that orlistat, combined with behavioral therapy, produced an average weight loss of 4.4 kg, or 9.7 pounds (McDuffie et al., 2002, p. 646). The study was not controlled against a placebo group; therefore, the relative effectiveness of orlistat in this case remains unclear.

Is Medication Safe for Children?

While modest weight loss has been documented for both medications, each carries risks of certain side effects. Sibutramine has been observed to increase blood pressure and pulse rate. In 2002, a consumer group claimed that the medication was related to the deaths of 19 people and filed a petition with the Department of Health and Human Services to ban the medication (Hilts, 2002). The sibutramine study by Berkowitz et al. (2003) noted elevated blood pressure as a side effect, and dosages had to be reduced or the medication discontinued in 19 of the 43 subjects in the first six months (p. 1809).

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