

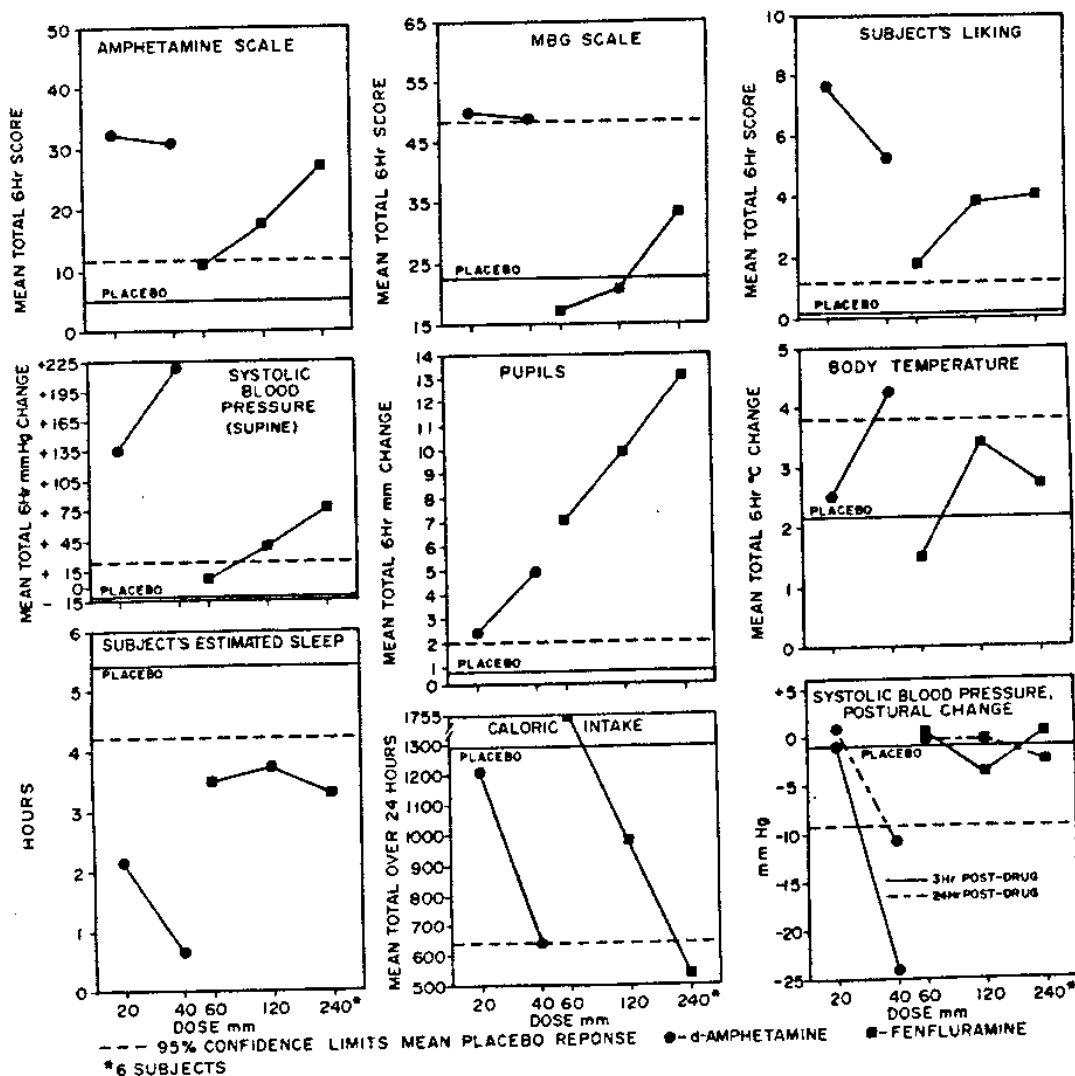


Fig. 1. Dose-response plots for placebo condition and orally administered *dl*-fenfluramine and *d*-amphetamine. Each point represents the mean group response of 8 subjects (6 subjects, 240 mg fenfluramine condition). Responses for subjective scales represent the sum of the scores for the first 7 observations (total 6-hr scores). Blood pressure and temperature responses are calculated as the sum of the changes from the mean of the predrug control for the first 7 observations (total 6-hr change). Caloric intake, sleep time, and postural blood pressure change are described in the text.

ferentiation of fenfluramine and amphetamine effects from placebo.

### Results

To compare the effects of fenfluramine and amphetamine during the first few hours after administration, the responses with each mea-

sure for the first 7 observations (total 6-hr scores) were summed and the mean total 6-hr scores were used to construct dose-response as illustrated in Fig. 1. However, some effects persisted as long as 12-24 hr.

**Physiological effects.** The most prominent physiologic effect of fenfluramine was a dose-