

Table 2. Significant differences in physiologic measures for the addiction cycle with butorphanol. Each value represents the mean response for 6 subjects over all observations in the designated period.

<u>Parameters</u>	I	II	III
	<u>14 Days</u> <u>Pre-Drug</u>	<u>19 Days</u> <u>Butorphanol</u>	<u>7 Days</u> <u>Withdrawal</u>
Pupil size	4.14**	3.30**	4.53*
Pulse rate	71.98	71.61*	77.65**
Rectal temperature	36.82	36.79**	37.13**
Systolic blood pressure	108.22	109.51	113.54*
Diastolic blood pressure	69.02*	73.12	73.75*
Respiratory rate	15.84	15.46	16.45
Body weight	78.60**	79.70	79.86**
Daily caloric intake	1321**	1770**	662**

The significance of differences between column I and column II are indicated by asterisks in column I. Differences between column I and III are indicated by asterisks in column III. Differences between column II and column III are indicated by asterisks in column II. The significance of these mean differences were determined with paired t tests.

*p <0.05

**p <0.01