

Oxilorphan administered 4 and 12 hours before morphine clearly blocked the miotic effects of morphine. At 24 hours there was still a blockade but to a lesser degree (Fig. 6). Similar results were obtained on the measures of subjective effects. Comparison of the data obtained with oxilorphan with that for cyclazocine obtained by Martin and his colleagues¹⁰ suggests that even though oxilorphan has some degree of blocking activity at 24 hours, its blocking activity may decrease more rapidly than cyclazocine's from the 4th to the 24th hour.

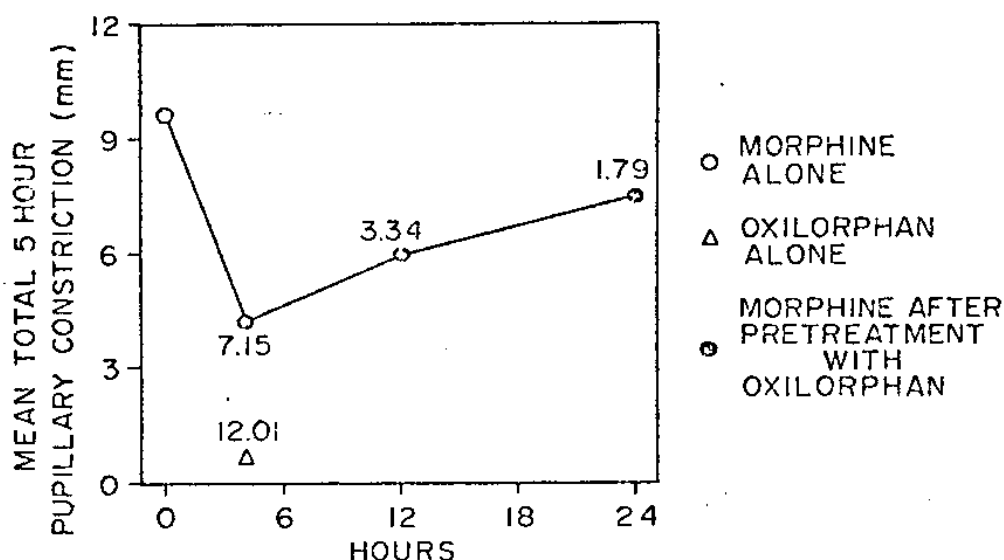


Figure 6. Blocking ability of oxilorphan (0.6 mg subcutaneously) on the miotic effects of morphine (25 mg/70 kg subcutaneously). Numbers represent the "t" values calculated for the comparison of the miotic response to that of morphine alone.