

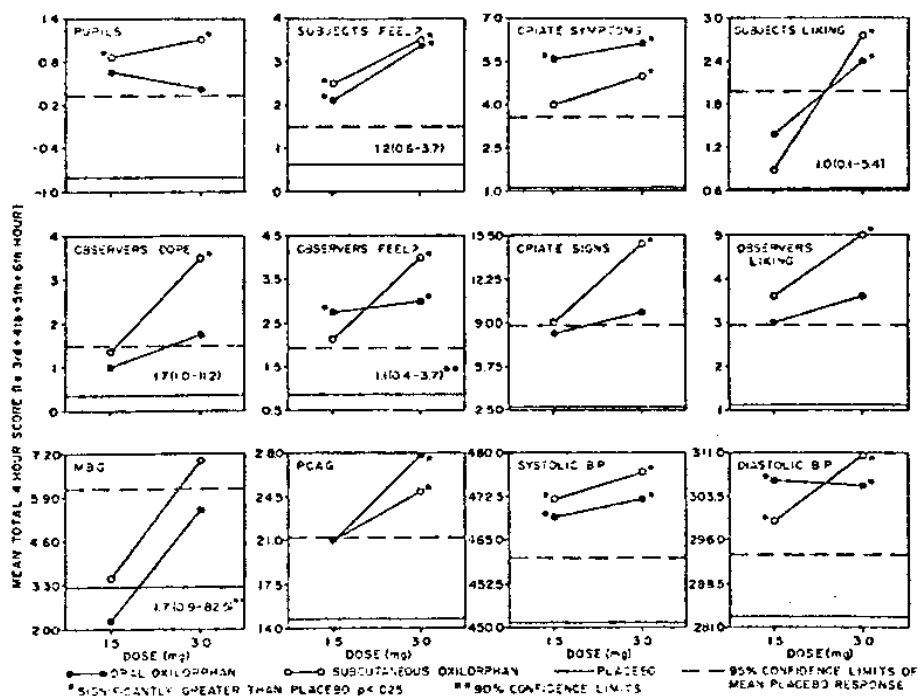


Figure 5. Dose response curves utilizing responses at 3rd, 4th, 5th and 6th hours for orally and subcutaneously administered oxilorphan.

In the second study, the blocking effects of subcutaneously administered oxilorphan, 0.6 mg/70 kg, on the effects of subcutaneously administered morphine sulfate, 25 mg/70 kg, was assessed in 6 subjects. Each subject received in random order at weekly intervals the following 5 treatments: 1) morphine alone; 2) oxilorphan alone; 3) morphine preceded by oxilorphan at 12 hours; and 5) morphine preceded by oxilorphan at 24 hours. The experimental design was similar to that used by Martin and his colleagues¹⁰ to estimate the duration of blocking action of cyclazocine, 0.6 mg, on morphine, 25 mg/70 kg.