

studies because the statistical criteria were not met. However, it was estimated that d-propoxyphene hydrochloride is approximately 1/24 as potent as subcutaneous morphine in suppressing abstinence and d-propoxyphene napsylate is roughly about 1/49 as potent as morphine.

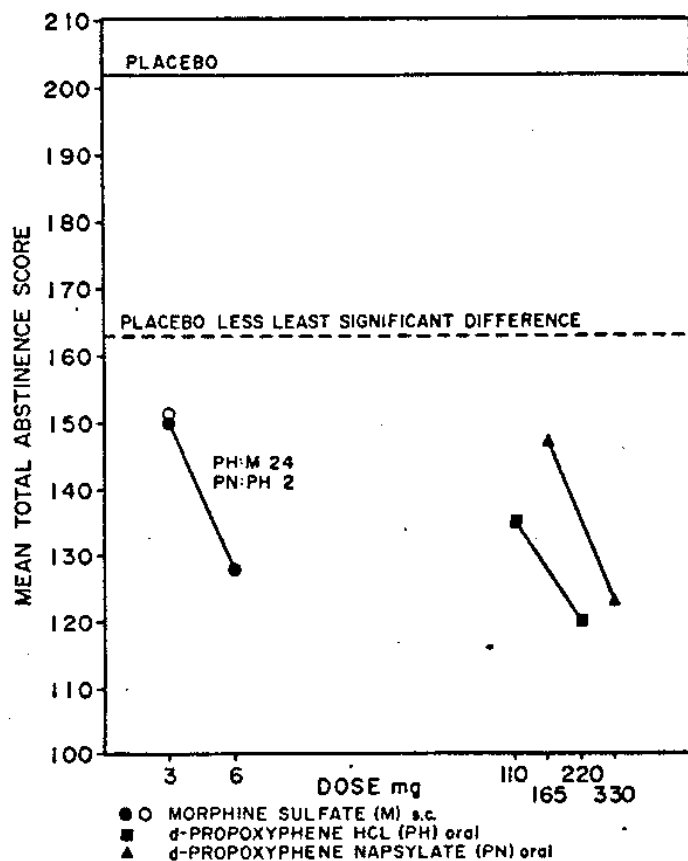


Figure 3. Total abstinence scores from 24 hour substitution studies in subjects dependent upon 60 mg morphine per day with morphine subcutaneously, d-propoxyphene napsylate orally, and d-propoxyphene hydrochloride orally. The least significant difference was determined from randomized blocks analysis of variance. The open circle for the morphine, 3 mg, represents a replication of that treatment one week following the completion of the other substitutions.