

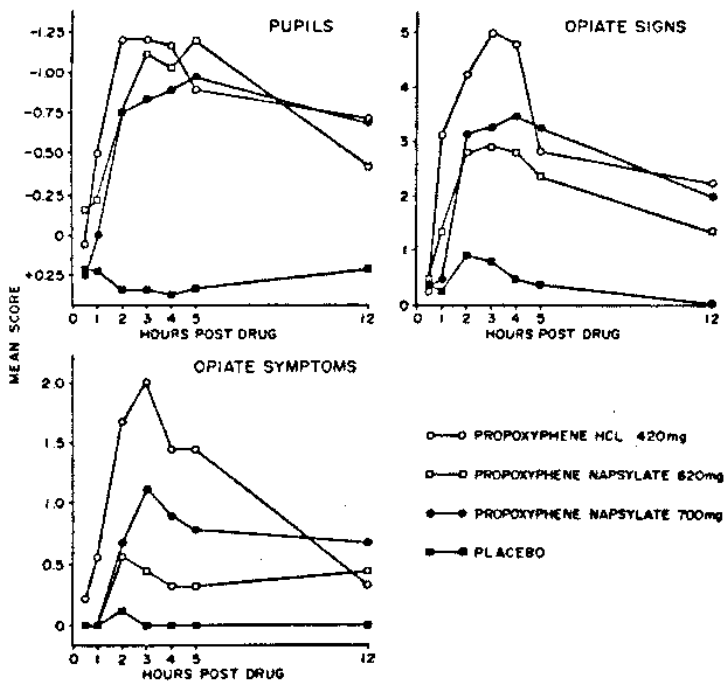


Figure 2. Time action curves from the comparison of orally administered d-propoxyphene napsylate, orally administered d-propoxyphene hydrochloride, and subcutaneously administered morphine sulfate. The 420 mg dose of d-propoxyphene hydrochloride and the 620 mg dose of d-propoxyphene napsylate represent approximately equal amounts of d-propoxyphene base.

Subcutaneous morphine, oral d-propoxyphene napsylate, and oral d-propoxyphene hydrochloride suppressed abstinence scores significantly as shown in Figure 3. In addition, all diminished sickness scores relative to the placebo condition. These results indicate that both d-propoxyphene napsylate and the hydrochloride salt are capable of suppressing abstinence signs and symptoms. Valid relative potencies were not obtained in these