

---

Autodata 3.40 Pt.rar

[Download](#)

1.91 GB after downloading the file. If the file is not detected for Autodata, try again a little later.The effects of pentobarbital and chlordiazepoxide on the one-trial inhibitory avoidance and extinction of shuttle box responding in rats. The effects of an acute dose of the barbiturate, pentobarbital (PB), on the one-trial inhibitory avoidance and shuttle box component of conditioned stimulus (CS) extinction, were examined in rats. PB (40 mg/kg) significantly retarded, but did not prevent, the acquisition of inhibitory avoidance. The drug did not affect the rate of spontaneous shuttle box responding during the ITI. It also had no effect on the acquisition of conditioned suppression, an extinction procedure involving a combination of inhibitory avoidance and operant extinction. However, it appeared to disrupt the extinction of the inhibitory avoidance response: after drug administration, the CS's were presented without appropriate inhibitory footshock conditioning. PB (20-40 mg/kg) did not impair the acquisition of an inhibitory avoidance response or the acquisition or extinction of conditioned suppression. However, it did attenuate the long-term memory (LTM) component of this response when the CS had been paired with the footshock, but not when the CS had been presented alone. Chlordiazepoxide (CDP, 5-20 mg/kg), which is more sedative than PB, had a dose-related effect on the acquisition of conditioned suppression, but failed to attenuate the extinction of the inhibitory avoidance response. The results indicate that the PB effect on one-trial inhibitory avoidance was not due to the drug's sedative properties and that the observed inhibition of LTM was not simply due to motoric factors or drug-induced deficits in inhibitory control. The findings also suggest that the changes in CS valence or CS-US contingency induced by PB block the extinction of the inhibitory avoidance response but spare conditioned suppression. The implications of these results are discussed. F a c t o r - 3 \* g \* \* 2 + 5 5 5 0 \* g - 4 0 9 2 7 5 0 . - 3 \* ( g - 9 2 5 ) \* ( g

[illegible]

3 / 3