

**EFFECTS OF A COMBINATION OF KETAMINE AND  
ACEPROMAZINE INTRAMUSCULARLY AND SUBCUTANEOUSLY  
WAY TOWARD ONSET OF ACTION AND DURATION OF ACTION OF  
DRUGS ON THE WHITE-HEADED MUNIA BIRD (*Lonchura maja*)**

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**ABSTRACT**

Research has been done on the effects of a combination of ketamine and acepromazine intramuscularly and subcutaneously way toward onset of action and duration of action of drugs on the White-headed Munia bird (*Lonchura maja*). In this study used 36 White-headed Munia birds (*Lonchura maja*) which their average weight are 20 grams and they are given with two treatments. The first treatment is that they are injected with a dose 25mg/kgBW combination of ketamine and acepromazine at a dose of 0.05 mg / kg intramuscularly and a second treatment is that they are injected with dose 50mg/kgBW combination of ketamine and acepromazine at a dose of 0.1 mg / kg subcutaneously. The experimental results are tabulated, used t test with significant level of 5% to compare onset of action and duration of action of the two treatments .

Results of t test are indicating a significant difference (t tabel  $0.05 < t$  count) toward the onset of action and duration of action of combination of ketamine-acepromazine intramuscularly and subcutaneously.

**Key words:** ketamine, acepromazine, White-headed munia bird, *Lonchura maja*