ABSTRACTION

Feverish (pireksia) constitute a condition that happen increasing temperature in normal condition. The normal temperature of body is among 36.5°C-37.2°C. Actually, all of people consume influenza medicine to stop their cold or medicine of hot decreasing. But, sometime, using of this medicine give negative effect although it can to solve our ill. The alternative medicine which used to handle by herbal therapy, it uses medicine plant. The goal of this study is to know influence of white-rat (Rattus norvegicus) body betel vine dekok giving to decreasing of temperature of white-rat (Rattus norvegicus) body which given by DPT vaccine.

This study is true-experiment. The study planning which be used by complete random planning (RAL). The parameter of this study is value of temperature decreasing of white-rat (Rattus norvegicus) in 4 hours observation after feverish. The population of this study is male-white rat (Rattus norvegicus). The total of sample of this study are 24 tails, consist of 6 treatment and 4 times repeating. The independent variable in this study is betel vine dekok doses and paracetamol doses, and the dependent variable is temperature decreasing of white rat body before and after were given treatment and the control variable of this study are rat kind, age, weight, doses of DPT vaccine, condition of stables, woof, temperature of stables and so on. The data analysis used Anova and Duncan test (to know different among treatment thus it will be known which treatment give dominant influence to decreasing temperature of white rat (Rattus norvegicus) body).

The study result show that betel vine dekok give significant influence to body temperature. The best treatment of this study is 4.5°C and 0.2 ml/kg BB and 6 mg/gr BB doses in temperature decreasing 1.475°C with average time about 7.75 hours and 6.75 hours. This result is 1.8 suitable with paracetamol given in 0.2 mg/gr BB.