

**THERAPY EFFECT OF (*Pandanus conoideus* Lam) ON FEMALE MICE  
(*Mus musculus*) INFERTILITY MODEL TOWARD THE FOLICLE  
DIAMETER SIZE OF PRE ANTRAL AND ANTRAL  
HISTOPATHOLOGICAL FEATURES**

**Abstract**

The aim of this study reveals to know the follicle diameter size of pre antral and antral toward infertility female mice which was treated by red fruit extract (*Pandanusconoideus* Lam). Twenty four female mice were separated into four groups. P0 was a negative control group, P1 includes mice which was injected by testosterone propionate hormone without adding red fruit extract, P2 was a group of mice which was injected by testosterone propionate hormones and then treated by red fruit extract dosage 0,05 ml and P3 was a group of mice which was injected by testosterone propionate hormones then treated by red fruit extract dosage 0.1 ml. The study was done by doing injection of testosterone propionate hormones during 14 days in sub-cutan method and giving red fruit in 14 days in per oral manner. After that, the composing of histopathology ovarium preparation wasanalyzed by ANOVA and was continued by Duncan test. The result of this study showed the adding of red fruit extract dosage 0.1 ml was given an effect to increase the follicle diameter size of pre antral and antral of infertility female mice.

Keyword: infertility, red fruit extract, pre antral follicles, antral follicles