THE EFFECT OF URINE TREATMENT OF POST MENOPAUSE WOMAN WHICH HAD BEEN NETRALIZED WITH ACTIVATED CHARCOAL AGAINST GROWTH OF FOLLICLE AND CORPUS LUTEUM IN MOUSE (*Mus musculus*)

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ABSTRACT

The aim of this research was to determine effect of urine treatment of post menopause woman which contained hMG (Human Menopause Gonadotropin) against the amount of secunder follicle, tertier follicle, de Graaf follicle, and corpus luteum. Main substance that used in this research was urine of post menopause woman which had been separated by activated charcoal from toxic substances and color substance. This research performed 30 mice strain balb/C spesification female, aged two months, weight 35 g, divided into five groups. Groups 1 (control, n = 6 ) injected by 0,1 ml PZ, groups 2 (treatment, n = 6 ) injected by 0,1 ml urine, groups 3 (treatment, n = 6 ) injected by 0,2 ml urine, groups 4 (treatment, n = 6 ) injected by 0,3 ml urine, groups 5 (treatment, n = 6 ) injected by 0,4 ml urine. This treatment was given during 10 days. Amount of secunder follicle, tertier follicle, de Graaf follicle and corpus luteum was examined and analyzed by Oneway Anova and continued with Duncan Multiple Range Test (DMRT) using SPSS ver.13.00 for windows. The result showed that between control (group 1) and treatment (group 2, 3, 4 and 5) there’s significant correlation (p< 0,05) in secunder follicle, high significant correlation (p<0,01) in corpus luteum, but there’s no significant correlation (p>0,05) in tertier follicle and de Graaf follicle due to urine effect.

*Key words* : hMG, secunder follicle, tertier follicle, de Graaf follicle, corpus luteum.