TOTAL VALUE AND LEUCOCYTE (WHITE BLOOD CELL) DIFFERENTIAL COUNTING AS CELLULER IMMUNE RESPONSE FORM OF POMERANIAN DOGS POST *Canine Parvovirus* (CPV) VACCINATION

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ABSTRACT

This research purpose to understand the enhancement of total value and leucocyte (white blood cell) differential counting as celluler response form of Pomeranian dogs post *Canine Parvovirus* (CPV) vaccination. This research use 10th dogs as the animal experiment. Dogs blood was taken in 5th times, the 1st times at before vaccination and the others at the days after 7th, 14th, 21st, 28th post *Canine Parvovirus* (CPV) vaccination. Dogs blood was taken from the cephalica vein or saphena vein. After the blood colecting finish, the blood was taken to the laboratory for understand the total value and leucocyte (white blood cell) differential counting. This research data analyse by multivariate test repeated measure. Research show there were significant differentiation of total value and neutrophil and value ($p<0,05$), but there were not significant differentiation of eosinophil, monocyte and lymphocyte value of dogs blood ($p>0,05$). There were not find the basophil in the blood differential counting. In conclusion, there are effect of *Canine Parvovirus* (CPV) vaccination to total value and neutophil value of dogs blood ($p<0,05$). But there are not effect of *Canine Parvovirus* (CPV) vaccination to eosinophil, monocyte and lymphocyte value ($p>0,05$), and there were not find the basophil in the blood differential counting.

Keywords : total leucocyte, differential counting of leucocyte, *Canine Parvovirus* (*CPV*) vaccination