PROFILE OF BODY TEMPERATURE, LEUCOCYTE, AND LYMPH NODE OF COLT (Equus Caballus) AFTER ANTIBIOTIC AND ANTIINFLAMMATION THERAPY IN STRANGLES

Gusti Made Yudianto

ABSTRACT

The purpose of this research is to know the difference profile of body temperature, leucocyte and lymph node at colt Strangles medication after antibiotic and anti inflammation therapy. The first medication began on first day until nine day used penicilline 15000 IU/ kgBW, streptomycin 5 mg / kgBW and cortisone was given 1 mg/kgBW during 3 days, 0.75 mg/kgBW for 3 days, 0.5 mg/kgBW for 2 days, and 0.25 mg/kgBW for 1 day. On the 10th day, blood sampling and complete blood inspection, body temperature, and the size of lymph node was done. On the 11th day until 17th day second medication used the penicillin 1500 IU/kgBW and streptomycin 5 mg/kgBW, was done. On the 21th day, blood sampling was done and complete blood inspection, body temperature, and the size of lymph node was done. The analysis data was based on leukocyte and body temperature inspection that used T-test with SPSS and based on descriptive analysis inspection in the size of lymph node. Pursuant to the result of the research, the final conclusion expressed significant difference in leucocyte count that was infected Strangles in colt before the treatment, after first period treatment and after second period treatment and there was influence to recovery level in first period and second period, also there was difference leucocyte profile, body temperature, lymph node before treatment, during treatment and after the treatment.

Keywords: Strangles; horse, penicilline, streptomycin, cortisone