INFLUENCE OF PROPOLIS AND BIOPLACENTON TOPICAL APPLICATION TOWARD HEALING TIME OF INCISION WOUND WITH SUBCUTICULAR SUTURE IN CATS (*Felis catus*)

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ABSTRACT

The objectives of this study were to find out the influence of Propolis and Bioplacenton toward healing time of incision wound with subcuticular suture in domestic cats. Eighteen female cats of 1-2 years old and 2-3 kilograms on weight were used in this study. They were divided into three equal groups with Completely Randomized Design. An incision model is about five centimeters in the middle line on one third distal of cats body. The incision areas in the second groups (P1) covered daily with Propolis and third one (P2) with Bioplacenton while the first groups (P0) as a control. Macroscopic evaluation has been done daily until the wound completely healed. The day that the wound had completely healed was recorded and analyzed by Analysis of Variance (ANOVA) and Least Significant Different (LSD). It can be concluded that propolis and bioplacenton have an influence toward healing time and propolis is the most effective in healing of incision with subcuticular suture in cats.

*Key words*: propolis, bioplacenton, subcuticular suture.