

ABSTRACT

COMPARISON OF LEVEL II DEGREE BURNS HEALING BETWEEN THE GIVEN TOPICAL HONEY NECTAR COFFEE WITH MOIST EXPOSED BURN OINTMENT (MEBO) IN RATS (*Rattus norvegicus*) WHITE ADULT MALE *Sprague dawley* STRAINS

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Honey and Moist Exposed Burn Ointment (MEBO) are widely used by the community as a drug that can cure the burns due to the content contained on these substances can accelerate the process reepitelation, antibacterial and have nutritions needed for healing wounds. The purpose of this research is to know the comparison rate of burns healing that smeared honey with MEBO. Experimental research using post test only controlled group design of 30 rats were divided into three groups. Group 1 was control, group 2 was honey and group 3 was MEBO. Honey and MEBO were given topically twice a day for 14 days. Wound was observed with clinically and histopathology.

On the 14th days, the skin was taken a biopsy to seen histopathology patern. The research shows that honey has speed healing of burns not much different with MEBO due to post-hoc paired wise comparisons test ($p>0.05$). Then it can be concluded that there is no difference significantly between the healing of honey with MEBO.

Keywords: Burn, Honey and MEBO.