

ABSTRACT

THE OPEN CUTS HEALING RATES COMPARISON BETWEEN ETHAKRIDIN AND PROPOLIS ON WHITE RATS (*Rattus norvegicus*)

Wound was one of the process could caused the loss of tissue components that affect specifically on the body part, based on the caused, open cuts wounds were one type of injury that often occurs, wound heal in various ways either with the used of Ethacridine lactate and propolis This study purposed to compare the healingrates of open cuts between ethacridine lactate and propolis on white rats (*Rattus norvegiccus*).

This experimental research used a randomized controlled design, With test only controlled group design of the 12 white rats, were given 3 treatments for 7 days, and divided into a control group, ethakridin lactate group, and the propolis group.

The result consists of clinical features and histopathology features. The Pairwise Comparisons on clinical features and histopathology showed significant score <0.05 (0.001) between propolis and Ethakridin lactate. From this study we could concluded that, there was a significant difference open cuts healing rates between ethacridine lactate and propolis, that was propolis's healing rates faster than ethacridin lactate.

Keywords: incised wound, ethacridine lactate, propolis, histopatology