



**HEALING POTENTIALS OF *Plumeria acuminata* Ait. (KALACHUCHI)  
AND *Wrightia antidysenterica* (L.) R. Br. (WHITE ANGEL) CRUDE  
LEAF EXTRACTS ON THE INCISED WOUND OF  
*Rattus norvegicus* (ALBINO RATS)**

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### ABSTRACT

The crude leaf extracts of the *Plumeria acuminata* Ait. (kalachuchi) and *Wrightia antidysenterica* (L.) R. Br. (white angel) were tested for its wound healing potential on the incised wounds of twenty-one (21) 8-week-old albino rats. This comparative study employed a Randomized Complete Post-Test Design of the seven (7) treatment groups: the negative control (T0-), 25% (T1), 50% (T2), and 75% (T3) concentrations of kalachuchi and 25% (T4), 50% (T5), and 75% (T6) concentrations of White Angel. The treatments were applied to the wounds twice a day until all were fully healed. Data showed that both plants have wound healing potentials. Factors including phytochemical constituents and concentrations may have contributed to the plants' capacity to heal wounds.

*Keywords:* ointment, removal of redness, scab development, scar formation, regrowth of fur



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