

**THE EFFECTS OF *Spinacia oleracea* L. (SPINACH) LEAVES CRUDE  
EXTRACT ON THE INDUCED SECOND-DEGREE  
BURN OF *Rattus norvegicus* (ALBINO RAT)**

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## ABSTRACT

Different concentrations of spinach crude leaves extract were used to study the burn healing effect among albino rats. From the time the burn was induced, parameters including reduction of inflammation, absence of reddening, reduction of affected burned area, scab formation, removal of scab, and fur appearance were observed and recorded in days. All treatments including the positive control which is terramycin were topically applied on the induced burn. Based on the observations, 90% concentrations of spinach leaves extract was found to be the most efficient in the healing of burns in albino rats. It is then followed with 75% concentration of spinach leaves extract, 50% concentration of spinach leaves extract, 25% concentration of spinach leaves extract. Terramycin shows the slowest rate in healing the induced burn on albino rat. It attests that spinach can be an alternative treatment for burns.