

Evaluation of wound healing activity of polyherbal gel- A novel herbal formulation

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The present study deals with the evaluation of wound healing activity of herbal gel I, II and III containing different extracts like *Azadirchta indica*, *Carica papaya*, honey respectively. Formulation IV prepared by combination of above three (3%w/w). All herbal gels showed good consistency and smooth texture. The wound healing activity was studied using a partial thickness burn wound model in rats. Among all formulation polyherbal gel showed the higher percentage of wound healing contraction 87.05% which comparable with marketed Silvaleb cream 88.83%. Thus study showed that polyherbal gel had better wound healing potential as compared to individual gel and comparable with marketed preparation.

Keywords: Herbal medicine, polyherbal gel, wound healing activity.

Biography

Mayuri Zalte, is a research scholar in Anuradha college of Pharmacy, pursuing M.Pharm (Pharmceutics). She has presented various research paper in different conferences.