

Formulation, Evaluation and Medicinal Properties of Medicated Herbal Cream Containing Extract of *Tridax Procumbens*

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Abstract: *At present, herbal medicine has a great impact on human health and diseases herbal medicine plays an important role in general aspects such as economy and medicine. The use of this herbal medicine is increasing day by day due to its quality, efficacy and safety. The present study explored a novel formulation containing extracts of Tridax procumbens, Ficus religiosa, Azadirachta indica and Curcuma longa in cream form (O/W). The formulation was characterized by determining the pharmaceutical properties such as pH, appearance, viscosity, spreadability, etc. The chemical constituents such as carbohydrates, alkaloids, steroids, etc. were detected using identification assays. The cream formulation was designed using excipients such as stearyl alcohol, beeswax, sorbitol monooleate, methylparaben, propylparaben and liquid paraffin. Compared with the control drug, the herbal drug was found to be safer. While allergy medications are associated with some side effects, the formulation of cream is much better than other formulations in terms of absorption and penetration of the active ingredient in the tropics.*

Keywords: Tridax procumbens, extract, herbal cream formulation (O/W).