

Formulation and Evaluation of Poly Herbal Soap

**Mohit D. Tembhekar, Abhishek G. Zade, Madhavi V. Lichade, Aditi K. Chambhare,
Rahul V. Lichade, Prajakta B. Wankhade, Pradnya D. Ingle,**
New Montfort Institute of Pharmacy, Ashti, Wardha India
mohittembhekar2001@gmail.com

Abstract: *The formulation of herbal soap involves the use of natural plant-based ingredients combined with oils, fats, and alkalis to create a mild, skin-friendly product with therapeutic properties. Herbal soaps are gaining popularity due to their skin benefits, gentle cleansing properties, and fewer chemical additives. This study explores the formulation of herbal soaps using ingredients such as essential oils, herbal extracts, and other natural additives like honey, aloe vera, neem, or turmeric, which provide anti-inflammatory, antioxidant, and antimicrobial benefits. The soap's effectiveness depends on the selection and combination of active herbal ingredients, as well as the production method, typically cold-process or hot-process. Nosocomial infection has been recognized as a crucial issue in the outcome of hospital care, with significant morbidity and mortality results. The primary routes of infection transmission to patient are the hands of health-care workers. This also evokes utilization of antiseptics for hand-washing purposes. Many of the antiseptics commercially available are sanitizers dependent on alcohol that have certain shortcomings or harmful effects. The regular use can cause dermal irritation. The aim of the present study was to formulate an herbal soap using leave extracts of all herbal ingredient. catappa, fruits of Curcuma longa, and rinds of Garcinia indica..*

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