

Preparation and Evaluation of Wound Healing Cream of Tridax Procumbene

Dr. L. D. Hingane, Ms. Jingure Shruti Maroti, Ms. Kemdharne Aishwarya A
Aditya Diploma Institute of Pharmacy, Beed, Maharashtra, India

Abstract: *Tridax procumbens*, commonly known as coatbuttons or tridax daisy, is a species of flowering plant in the family Asteraceae. India's fields are home to a prevalent weed called *Tridax procumbens*. Ancient ages have long utilized the leaves of *Tridax procumbens* to cure wounds. The mature leaves were crushed to make a paste and were further rubbed over the wounded area. They are also used as anticoagulant, antifungal and insect repellent by many civilization. *Tridaxprocumbens*linn. Strongly proved for its anti-inflammatory and analgesic activity in animal study and it is also used to treat boils, blisters and cuts by local healers in parts of India. This ongoing study aims to evaluate this wound-healing activity and further formulate an herbal cream from the paste/extract of *T. Procumbens*. The extraction process involved isolating bioactive compounds from the aerial parts of *Tridax procumbens*, followed by phytochemical screening. Theherbal extract was then incorporated into a cream base, ensuring optimal consistency, stability, and pH suitable for dermal application. The formulated cream underwent rigorous evaluation for its physical properties. This formulation holds promise as a natural, effective alternative to synthetic topical agents, warranting further clinical studies to confirm its efficacy and safety for various dermatological application

Keywords: *Tridax procumbens*, Phytochemicals, Bioactive Compounds, Qualitative Analysis, Quantitative Analysis, Wound Healing Properties, Herbal Cream