

Formulation and Evaluation of Herbal Ointment of *Punica Granatum* Peel

Sanket Ajit Bhaik¹ and Shelke Dipali S²

Department of Pharmacology, Samarth Institute of Pharmacy, Belhe, Maharashtra, India^{1,2}
sanketbhaik4050@gmail.com

Abstract: *The present study was aimed to developed formulation on the Antiinflammatory, & Analgesic activity of Punica granatum peels waste. Non steroidal antiinflammatory drugs (NSAIDs) are associated with too much side effects and adverce drug reactions. Constant used of NSAIDs produces gastrointestinal irritation and another side effects on body organs like liver and kidneys. Antiinflammatory, & Analgesic activity of Punica granatum peel extract was previously reported on different experimental models. Generally pomegranate peels are waste material obtained from many pomegranate processing industries. These peels consists important polyphenols, flavonoids & β -sitosterol as a active chemical constituents which is useful in the inflammation. Inflammation are associate with pain, readness & swelling. Flavonoids shows antioxidant activity with indirect inhibition of inflammatory markers such as tumor necrosis factor alpha. Analgesic activity of punica granatum peels are useful in the management of pain. Ointment formulation of punica granatum peel shows a good result in all the evaluation test parameters such as General appearance, Consistency, pH, Spreadability, Extrudability, Diffusion study, Non irritancy test, & Stability study etc.*

Keywords: Punica granatum, Herbal Ointment, Antiinflammatory, Analgesic, β -Sitosterol, etc

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