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A Review on Formulation and Evaluation of Anti-inflammatory and Analgesic Herbal Ointment of Punicagranatum Peel

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Abstract: *The present study was aimed to developed formulation on the antiinflamatory, & Analgesic activity of Punicagranatum peels waste. Non steroidal antiinflamatory drugs (NSAIDs) are associated with too much side effects and adverce drug reactions. Constant used ofNSAIDs produces gastrointestinal irritation and another side effects on body organs like liver and kidneys. Antiinflamatory, & Analgesic activity of Punicagranatum peel extract was previously reported on different experimental models. Generally pomegranate peels are waste material obtained from many pomegranate processing industries. Thesepeels consists important polyphenols, flavonoids & β-sitosterol as a active chemical constituents which is useful in the inflammation. Inflamation 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 punicagranatum peels are useful in the management of pain. Ointment formulation of punicagranatum peel shows a good result in all the evaluation test parameters such as General appearance, Consistency, pH, Spreadability, Extrudability, Diffusion study, Non virritancy test, & Stability study etc.*

Keywords: Punicagranatum, Herbal Ointment, Antiinflamatory, Anal, β gesic-Sitosterol, etc

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