

Review of Formulation of Transdermal Patches of Artocarpus Heterophyllus Lam

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Abstract: *The present investigation highlights the formulation and characterization transdermal patches of using artocarpusheterophyllus lam. Leaves and natural polymer. The Jackfruit leaves obtain from Artocarpus heterophyllus lam. belonging to family moraceae. The leaves extract obtained for a Soxhlet technique. The Jackfruit leaves pharmacological activity is anti Inflammatory, Anti diabetic, wound healing, Antibacterial , Anti fungal activity are shown The controlled drug delivery designed to release a drug predetermined rate in order to maintain a constant drug constant drug concentration for specific time of with minimum side effect. This leads to the concept of the controlled drug delivery. The primary objective of controlled drug delivery is to ensure safety and efficacy of the drug as well as patient compliance. TDDS lies under the category of controlled drug delivery in which the aim is to deliver the drug through the skin is predetermined and controlled drug. The aim of Novel drug delivery system is to provide therapeutic amount of drug concentration. The drugdelivery system should deliver drug at a rate controlled by the necessarily of the body over a specified term of treatment. A transdermal patch is dedicated adhesive patch that is place on the skin to deliver a specific dose of medication through the skin into the blood stream. It detoxifies blood and cure acne, pimples, boils.*

Keywords: TDDS, NDDS, Jackfruit, Transdermal Patch

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