



Transdermal Drug Delivery System

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ABSTRACT: Transdermal drug delivery system can deliver the drugs through the skin portal to systemic circulation at a predetermined rate and maintain clinically the effective concentrations over a prolonged period of time. Transdermal patch is a medicated adhesive patch that is placed on the skin to deliver a specific dose of medication through the skin and into the bloodstream. Often, this promotes healing to an injured area of the body. The advantage of a transdermal drug delivery route over other types of medication delivery such as oral, topical, intravenous, intramuscular, etc. is that the patch provides a controlled release of the medication into the patient. These system offer pharmacological advantages over the oral route and improved patient acceptability and compliance. Transdermal drug delivery systems are pharmaceutical preparations, intended to be applied to the unbroken skin in order to deliver the active ingredient to the systemic circulation after passing through the skin barrier. They are applied with aim of cleaning and protecting the skin. These devices are easy to apply and also easily removed from the skin. © 2019 iGlobal Research and Publishing Foundation. All rights reserved.

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