

## An Overview on Transdermal Drug Delivery System

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A transdermal patch is a medicated adhesive patch that is placed at the skin to deliver a speci c dose of medication via the skin and into the bloodstream. O en, this promotes restoration to an injured area of the body. An advantage of a transdermal drug delivery direction over di erent types of medication transport such as oral, topical, intravenous, intramuscular, etc. is that the patch a ords a managed release of the medication into the patient, usually via both a porous membrane covering a reservoir of drugs or via body heat melting thin layers of medication embedded in the adhesive[1]. Transdermal drug transport gives controlled release of the drug into the patient, it allows a steady blood level pro le, resulting in reduced systemic side e ects and, sometimes, progressed e cacy over other dosage forms [2].

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