

A Review On Pharmaceutical Cream

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Abstract: Creams have long been a preferred option for skin application due to their convenience in use and removal. They serve multiple roles such as moisturizing, cleansing, enhancing appearance, and protecting the skin from infections. Moreover, they are beneficial in treating skin injuries like cuts, burns, and cracks. Although the skin has a natural ability to heal, the process is often slow and susceptible to infections, especially in its early stages. Applying creams can accelerate healing and provide a protective barrier against external contaminants.

This review centres on the use of pharmaceutical creams for treating skin cracks. It explores the healing process, methods of cream formulation, classification based on purpose and properties, key ingredients, and evaluation techniques. Creams are semi-solid emulsions, either oil-in-water (O/W) or water-in-oil (W/O), with their consistency depending on the oil-water ratio. These may be therapeutic or cosmetic in nature.

Skin repair is a multifaceted process that demands an optimal healing environment. Factors such as infections and chronic illnesses can significantly delay recovery. In severe cases, poor wound care may even lead to complications like amputation. Unlike dry wound dressings that can dehydrate the area and impede healing, moist dressings—particularly topical creams—maintain hydration, support tissue regeneration, and accelerate the recovery process.

This paper examines the pros and cons of using topical creams for wound and crack treatment and proposes improvements in cream formulation to enhance drug delivery. In summary, creams play a vital role in wound management and regenerative therapy, highlighting the need for advanced healing strategies to reduce medical costs and improve patient outcomes.

Keywords: Dosage form, Topical Drug Delivery, Cream, foot Crack Heal Cream

