



Adaben duo gel[®]

Adapalene BP 0.1% + Benzoyl peroxide BP 2.5%

Presentation

Adaben duo gel[®]: Each gram gel contains 1 mg Adapalene BP (0.1%) and 25 mg Benzoyl peroxide BP (2.5%).

Description

Adaben duo gel is a combination product for topical use containing adapalene (a synthetic retinoid) and benzoyl peroxide.

Adapalene

Adapalene binds to specific retinoic acid nuclear receptors but does not bind to cytosolic receptor protein. Biochemical and pharmacological profile studies have demonstrated that adapalene is a modulator of cellular differentiation, keratinization and inflammatory processes. However, the significance of these findings with regard to the mechanism of action of adapalene for the treatment of acne is unknown.

Benzoyl peroxide

Benzoyl peroxide has sebostatic and keratolytic activity counteracting the hyperkeratinisation and excessive sebum secretion associated with acne vulgaris. It has antibacterial activity against *Propionibacterium acnes*, the organism implicated in acne vulgaris.

Indication

Adaben duo gel is indicated for the topical treatment of acne vulgaris.

Administration

Persons 12 years of age and older apply a thin film of Adaben duo gel to affected areas of the face and/or trunk once daily after washing. Use a pea-sized amount for each area of the face (e.g. forehead, chin, each cheek). Avoid the eyes, lips and mucous membranes. Adaben duo gel is not for oral, ophthalmic, or intravaginal use.

Side-effects

Adaben duo gel is usually a well tolerated preparation. But the local adverse reactions that may be observed are dry skin, erythema, pruritus of skin, skin scaling, skin rash etc.

Warning

Adaben duo gel should be discontinued if hypersensitivity to any of the ingredients is noted. Patients with sunburn should be advised not to use the product until fully recovered.

Precaution

Exposure to sunlight (ultraviolet ray), including sunlamps, should be minimized during the use of this preparation. Use of sunscreen products and protective apparel, (e.g.hat) are recommended when exposure cannot be avoided. Weather extremes, such as wind or cold, may be irritating to patients under treatment with Adaben duo gel.

Contraindications

Adaben duo gel should not be administered to individuals who are hypersensitive to any of the components in the preparation.

Use in Pregnancy and lactation

Pregnancy: Pregnancy category C. There are no well-controlled trials in pregnant women treated with Adaben duo gel.

Lactating mother: It is not known whether adapalene or benzoyl peroxide is excreted in human milk. Because many drugs are excreted in human milk, caution should be exercised when Adaben duo gel is administered to a lactating mother.

Pediatric Use

Safety and effectiveness of Adaben duo gel in pediatric patients under the age of 12 have not been established.

Drug interaction

Particular caution should be exercised in using preparations containing sulfur, resorcinol or salicylic acid in combination with this preparation. If these preparations have been used, it is advisable not to start therapy with Adaben duo gel until the effects of such preparations in the skin have subsided.

Overdose

No available data are found.

Storage

Store at temperature not exceeding 25 °C. Do not freeze.

Commercial pack

Adaben duo gel[®]: Each tube contains 20 gm gel.

Manufactured by
 **Incepta Pharmaceuticals Ltd**
Dhaka, Bangladesh
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V.N. 01
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