

Clindax[®] Lotion

Clindamycin phosphate USP

Description

Clindamycin (**Clindax[®] Lotion**) is a lincosamide antibiotic used in the treatment of infections caused by susceptible microorganisms. Clindamycin (**Clindax[®] Lotion**) is a semisynthetic antibiotic derived from lincomycin.

Mode of action

Topical clindamycin is thought to reduce free fatty acid concentrations on the skin and to suppress the growth of *Propionibacterium acnes* (*Corynebacterium acnes*), an anaerobe found in sebaceous glands and follicles. *P. acnes* produce proteases, hyaluronidases, lipases, and chemotactic factors, all of which can produce inflammatory components or inflammation directly.

Pharmacokinetics

Approximately 90% of an oral dose of clindamycin is absorbed from the gastrointestinal tract and is widely distributed throughout the body, excluding the central nervous system. Adequate therapeutic concentrations can be achieved in bone. Clindamycin is extensively metabolised in the liver by CYP3A4. The elimination half-life is 1.5 to 5 hours. Clindamycin is primarily eliminated by hepatic metabolism and the metabolites are excreted primarily in the urine.

Composition

Clindax[®] 25 ml Lotion: Each ml contains Clindamycin phosphate USP 10 mg.

Indications

Acne vulgaris, erythrasma, rosacea, periorificial dermatitis, folliculitis and dermal ulcers.

Dosage & administration

Apply a thin layer onto the affected area twice daily.

Contraindications

Previous sensitivity to clindamycin, lincomycin or to any component of the formulation.

Side effects

Pruritus, vaginitis, rash and urticaria.

Use in pregnancy & lactation

Pregnancy: Pregnancy Category is not classified.

Lactation: It is not known whether topical clindamycin is excreted in human milk.

Precautions

It is not for oral, ophthalmic or intravaginal use. Avoid exposure to sunlight.

Drug interactions

Clindamycin enhance the action of neuromuscular blocking agents. So, it should be used with caution in patients receiving such agents. Antagonism has been demonstrated between clindamycin and erythromycin in vitro. Because of possible clinical significance, these two drugs should not be administered concurrently.

Over dosage

Overdosage with orally administered clindamycin has been rare.

Storage

Keep out of the reach of children. Store in a dry place, below 25°C temperature and protected from light.

Packaging

Clindax[®] 25 ml Lotion: Each carton contains a bottle having 25 ml lotion.



Manufactured by
Opsonin Pharma Limited
Rupatali, Barishal, Bangladesh.
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