

Clindax[®] Cream

Clindamycin 2% w/w

Description

Clindamycin phosphate is a water soluble ester that derived from the parent antibiotic Lincomycin. Clindamycin is a semisynthetic antibiotic derived from lincomycin. It has anti-acne and antibacterial activity.

Mode of action

Clindamycin is a semisynthetic antibiotic derived from lincomycin. It binds with the 50s subunit of the bacterial ribosome and inhibits the early stage of protein synthesis. It is highly potent against gram positive and anaerobic bacteria.

Pharmacokinetics

Clindamycin inhibits protein synthesis in susceptible bacteria by binding to the 50S subunits of bacterial ribosomes and preventing peptide bond formation. Clindamycin considered bacteriostatic, but may be bactericidal in high concentrations.

Composition

Clindax[®] Cream: Each gram cream contains Clindamycin Phosphate USP equivalent to Clindamycin 20 mg.

Indication

Clindamycin cream is indicated in the treatment of bacterial vaginosis. Clindamycin cream can be used to treat non-pregnant & pregnant women during the second & third trimester.

Dosage & administration

One applicator full (approximately 5 gram) intravaginally at bedtime for 7 consecutive days. In patients in whom a shorter treatment course is desirable, a 3 day regimen has shown to be effective.

Contraindications

Clindamycin cream is contraindicated in individuals with a history of hypersensitivity to clindamycin. Clindamycin cream is also contraindicated in individuals with a history of regional enteritis, ulcerative colitis, or a history of ulcerative colitis.

Side effects

Clindamycin may results the following side effects.
Urogenital tract: vaginitis, vulvo-vaginal irritation.
Central Nervous System: dizziness, headache, vertigo.
Gastro-intestinal: heart-burn, nausea, vomiting, diarrhea, constipation, abdominal.
Dermatological: rash, exanthema. *Hypersensitivity:* urticaria.

Use in pregnancy & lactation

Pregnancy: There is no adequate & well controlled in pregnant women during the first trimester of pregnancy. This drug should be used during first trimester of pregnancy only if clearly needed. There is no restriction to use clindamycin cream during the second & third trimester.

Lactation: It is not known clindamycin is excreted in breast milk following the use of vaginally administered clindamycin phosphate. However, orally & parenterally administered clindamycin has been reported to appear in breast milk.

Precautions

The patient should be instructed not to engage in vaginal intercourse, or use other vaginal products during treatment with this product. This cream contains mineral oil that may weaken latex or rubber products such as condoms or vaginal contraceptive diaphragms. Therefore, use of such products within 72 hours following treatment with Clindamycin cream is not recommended. Clindamycin cream is not recommended in children under 12 years of age.

Drug interactions

Clindamycin has been shown to have neuromuscular blocking properties that may enhance the action of other neuromuscular blocking agents. Therefore, it should be used with caution in patients receiving such agents.

Over dosage

Intravaginal overdose is not possible. Accidental ingestion of the product could be accompanied by effects related to therapeutic levels of oral clindamycin.

Storage

Store in a cool and dry place, protected from light.

Packaging

Clindax[®] Cream 20 gm: Each tube contains 20 gm of Clindamycin cream with applicator.



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