

# Clindacin®

Topical Lotion & Gel

## Presentation

Clindacin® Lotion: Each ml Solution contains Clindamycin Phosphate BP equivalent to Clindamycin 10 mg.  
Clindacin® plus gel: Each gram gel contains Clindamycin Phosphate BP 12 mg and Tretinoin BP 0.25 mg.

## Description

Clindamycin is a lincosamide antibiotic used in the treatment of infections caused by susceptible microorganisms. Clindamycin is a semisynthetic antibiotic derived from lincomycin. It has antiacne and antibacterial activity. 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.

Tretinoin is a retinoid that is commonly used to treat acne vulgaris. It decreases cohesiveness of follicular epithelial cells with decreased microcomedo formation. Additionally, tretinoin stimulates mitotic activity and increased turnover of follicular epithelial cells causing extrusion of the comedones.

## Microbiology

Aerobic gram-positive cocci, including: *Staphylococcus aureus*, *Staphylococcus epidermidis* (penicillinase and non-penicillinase producing strains), *Streptococci*, *Pneumococci*. Anaerobic gram-negative bacilli, including: *Bacteroides* species, *Fusobacterium* species. Anaerobic gram-positive non-spore forming bacilli, including: *Propionibacterium* species, *Eubacterium* species, *Actinomyces* species. Anaerobic and microaerophilic gram-positive cocci, including: *Peptococcus* species, *Peptostreptococcus* species, Microaerophilic *streptococci*, *C.perfringes*

## Indications

Clindacin lotion and Clindacin plus gel are indicated in the treatment of acne vulgaris.

Other uses of topical Clindamycin lotion are:

- Skin infections such as erythrasma caused by *Corynebacterium minutissimum*; rosacea, periorificial dermatitis, folliculitis, stasis, chronic lymphoedema and familial pemphigus.
- Dermal ulcers.

## Dosage and Application

At first wash the face or affected area gently with warm water or soap.

Clindacin lotion: When the skin is completely dried (about 30 minutes later) apply a thin film of Clindacin lotion to the entire affected area twice daily. Applied area should not be washed within 3 hours. Noticeable improvement is usually seen after about 6 weeks. However, 8 to 12 weeks of treatment may be required for maximum benefit.

Clindacin plus gel: When the skin is completely dried (about 30 minutes later) apply a pea-size amount of Clindacin plus gel to your fingertip and spread it over your face once daily preferably at bed time. Treatment should be continued for 12 weeks or as directed by the physician.

Eye, lip or nose contact should be avoided while applying Clindacin lotion or Clindacin plus gel.

## Side-effects

Side effects are usually rare. Possible side-effects may include skin rash, itching, oily skin, dryness, erythema, burning, change in skin color, diarrhea, colitis, GI disturbance etc

## Use in pregnancy & Lactation

### Pregnancy

There is no adequate data for safe use in pregnancy. Animal studies showed no adverse effects on the fetus.

### Lactation

It is not known that whether Clindamycin or tretinoin excreted through breast milk following topical administration. However, Clindacin lotion or Clindacin plus gel can be used during lactation with caution.

## Use in newborns and infants

When Clindamycin is administered to newborns and infants (birth to 16 years), appropriate monitoring of organ system functions is desirable.

## Precautions

Clindacin lotion and gel are not for oral, ophthalmic, or Intravaginal use.  
Avoid exposure to sunlight and sunlamps. Wear sunscreen daily.

## Contraindications

Contraindicated in patients with hypersensitivity to clindamycin or tretinoin or any of the ingredients of these medicine.

## Drug Interactions

Clindamycin enhance the action of other neuromuscular blocking agents. Therefore, 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.

## Commercial Pack

Clindacin® Lotion: 25 ml lotion in Plastic container.  
Clindacin® plus gel: 15 gm gel in plastic tube.

## Clindacin Lotion/Gel : How to use

Wash the face or affected area gently with warm water or soap before applying Clindacin lotion or gel.



When the skin is completely dried (about 30 minutes later) apply a thin film of Clindacin lotion/gel to the entire affected area twice daily.



Do not be washed the applied area within 3 hours.



In case of Clindacin lotion apply the medicine to the affected area for 2 times daily and for Clindacin gel apply to the affected area once daily before sleep.

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