

OTIFLOX EAR DROPS:

Composition:

Ofloxacin	0.3% w/v
Beclomethasone Dipropionate	0.025% w/v
Clotrimazole	1% w/v
Lignocaine HCl	2% w/v

Pharmacology:

Ofloxacin 0.3% is only fluoroquinolone approved by US FDA for ear infections. It covers all common bacteria.

Ofloxacin is a broad-spectrum antibiotic that is active against both Gram-positive and Gram-negative bacteria. It functions by inhibiting DNA gyrase, a type II topoisomerase, and topoisomerase IV which is an enzyme necessary to separate (mostly in prokaryotes, in bacteria in particular) replicated DNA, thereby inhibiting bacterial cell division.

Beclomethasone 0.025%

It is a steroid which promptly blocks inflammation & allergy.

Clotrimazole 1%

It covers all common fungi like Candida.

Clotrimazole works to kill individual Candida or fungal cells by altering the permeability of the fungal cell wall. It binds to phospholipids in the cell membrane and inhibits the biosynthesis of ergosterol and other sterols required for cell membrane production. This leads to the cell's death via loss of intracellular elements.

Lignocaine HCl 2%

It is widely used and trusted local anaesthetic that blocks sensation of pain.

Indications:

- Mixed Ear Infections
- Otitis Externa

-Chronic suppurative otitis media

Contraindications:

1. Hypersensitivity to any of the ingredients
2. Contraindicated in patients with psychiatric illnesses and in patients with epilepsy or other seizure disorders.
3. Severe systemic infections

Warnings and precautions:

Pregnancy:

Should be used with caution in pregnant women.

Pediatric:

Not recommended in children

Adverse Reactions:

Otiflox ear drops can give mild irritation, burning or stinging sensation in the ear after application.

Presentation:

Available in 5 ml bottle with in-built dropper.

Advantages of in-built dropper:

- Decreases chances of contamination
- Ensures dosage accuracy
- Avoids wastage due to Spillage