

For the use of Registered Veterinary Practitioner, Hospital or Laboratory

## ATAXIN

(Enrofloxacin Tablets)

### Composition:

Each uncoated tablet of **ATAXIN 50** contains:  
Enrofloxacin EP 50 mg

Each uncoated tablet of **ATAXIN 150** contains:  
Enrofloxacin EP 150 mg

Approved flavours used

**Category:** Antimicrobial

### Clinical Pharmacology

#### Pharmacodynamics

Fluoroquinolones elicit their bactericidal properties through interactions with two intercellular enzymes - DNA gyrase (DNA topoisomerase II) and DNA topoisomerase IV - which are essential for bacterial DNA transcription, synthesis and replication. It is believed that fluoroquinolones activity bind with DNA: enzyme complexes and thereby inhibit the essential processes catalyzed by the enzymes (DNA supercoiling and chromosomal decatenation). The ultimate outcome of fluoroquinolone intervention is DNA fragmentation and bacterial cell death.

#### Pharmacokinetics

Approximately 80% of the orally administered dose enters the systemic circulation unchanged. The eliminating organs, based on the drug's body clearance time, can readily remove the drug with no indication that the eliminating mechanisms are saturated. The primary route of excretion is via urine. The absorption and elimination characteristics beyond this point are unknown.

In cats, no oral absorption information is available at other than 2.5 mg/kg, administered orally as a single dose. Saturable absorption and/or elimination processes may occur at greater doses.

Following an oral dose in dogs of 2.5 mg/kg (1.13 mg/lb), enrofloxacin reached 50% of its maximum serum concentration in 15 minutes and peak serum level was reached in one hour. The elimination half-life in dogs is approximately 2 1/2 - 3 hours at that dose, while in cats it is greater than 4 hours.

### Indications:

Enrofloxacin tablet is indicated for use in dogs and cats in the treatment of bacterial infections of alimentary, respiratory and urogenital tracts, skin, secondary wound infections and otitis externa.

### Dosage and Administration:

Dogs and Cats:

The dose rate of enrofloxacin is 5mg/kg bodyweight. One 50mg tablet per 10kg  
Or one 150mg tablet per 30kg  
To be administered once daily or as a divided dose twice daily for 3 to 10 days with or without food.

Dosage = 5 mg/kg BW Daily

| Tablets | Ataxin 50 mg | Ataxin 150 mg |
|---------|--------------|---------------|
| 5 Kg    | ½ Tablet     |               |
| 10 Kg   | 1 Tablet     |               |
| 15 kg   | 1 ½ Tablets  |               |
| 20 kg   | 2 Tablets    |               |
| 30 kg   |              | 1 Tablet      |
| 45 kg   |              | 1 ½ Tablets   |
| 60 kg   |              | 2 Tablets     |

### Contraindications, Warnings:

Enrofloxacin is contraindicated in dogs and cats known to be hypersensitive to quinolones. Do not exceed the recommended dosage. In cat, retinotoxic effects can occur when the recommended dose is exceeded.

Not for use in dogs less than 1 year of age or in exceptionally large breeds of dogs with a longer growth period under 18 months of age, an articular cartilage may be affected during the period of rapid growth.

Not recommended for use in cats less than 8 weeks of age.

This product should not be used for prophylaxis. Wash hands after use.

**Drug interactions:** It should not be used in combination with cloramphenicol, macrolides or tetracyclines. Since fluoroquinolones may increase the availability of the theophylline, its dose should be regulated when given with enrofloxacin.

**Pregnancy and Lactation:**

The safety of enrofloxacin in breeding female cats has not been established. Use only according to the benefit/risk assessment by the responsible veterinarian.

**Use during lactation:**

As enrofloxacin passes into the maternal milk, the use is not recommended during lactation.

**Adverse drug reactions:**

In dogs enrofloxacin may affect articular cartilage during the period of rapid growth.

**Overdosage:**

In accidental overdose vomiting, diarrhoea and CNS/behavioral changes may occur. There is no antidote and treatment should be symptomatic.

**Storage:** Store in a cool and dry place.  
Keep out of reach of children.

**Presentation:** Blister of 10 tablets

Veterinary.  
Not for human use.  
For animal treatment only.

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