

Leaflet

For Veterinary Use Only
CEFOVIL
Suspension for Injection
Veterinary Systemic antibacterial

COMPOSITION

It is whitish or cream-colored, ready-to-use suspension containing cefquinom sulfate equivalent to 25 mg cefquinom per ml.

PHARMACOLOGICAL PROPERTIES

Cefovil Suspension for Injection is an antibiotic formulation containing a broad-spectrum, bactericidal cephalosporin antibiotic from the fourth generation of cephalosporins. Like other cephalosporins, it exerts its bactericidal effect by inhibiting transpeptidase enzymes involved in cell wall biosynthesis, thereby disrupting cell wall synthesis. It is effective against many bacteria, including Gram-positive and Gram-negative bacteria.

The main bacteria susceptible to Cefquinome are: *Salmonella* spp., *Streptococcus* spp., *Staphylococcus* spp., *Pasteurella* spp., *E. coli*, *Bacillus* spp., *Fusabacterium* spp., *Corynebacterium* spp., *A. pyogenes*, *Citrobacter* spp., *Clostridium* spp. It has been found to be effective against many Gram-negative and Gram-positive bacteria such as *Haemophilus somnus*, *Klebsiella* spp., *Bacteroides* spp., *Proteus* spp., and *Prevotella* spp.

In studies conducted, the MIC₉₀ values of bacteria against cefquinome were: *E. coli* 0.391 µg/ml, *Salmonella* spp. 0.195 µg/ml, *Klebsiella* spp. 0.391 µg/ml, *Serratia* spp. 0.391 µg/ml, *Enterobacter* spp. 0.781 µg/ml, *Citrobacter* spp. 0.195 µg/ml, *Proteus* spp. 0.195 µg/ml, and *Pseudomonas aeruginosa* 25 µg/ml.

When Cefovil is administered intramuscularly at 10 mg/kg to calves, the pharmacokinetic data show C_{max} = 4.5 µg/ml, T_{max} = 2 hours, and AUC = 24.0 mgh/l. Cefquinome binds minimally to plasma proteins. The drug is excreted unchanged via the urinary tract.

AREA OF USE/INDICATIONS

It is indicated for the treatment of respiratory tract infections (especially penicillin-resistant bacteria) caused by bacteria susceptible to cefquinome, foot infections (fork rot, pododermatitis), as well as calf septicemia caused by *E. coli*, acute mastitis infections and secondary infections accompanying viral diseases in cattle and calves.

USAGE AND DOSAGE

Pharmacological Dose: 1 mg/kg body weight is administered intramuscularly for cattle and calves.

Practical Dose: 1 ml/25 kg body weight Cefovil is administered for 3-5 days with 24 hours intervals.

For the treatment of *E. coli*-induced septicemia in newborn calves, a dose of 2 ml/25 kg body weight (twice the normal dose) is recommended.

For mastitis treatment, a dose of 1 ml/25 kg body weight should be administered twice, 24 hours apart.

The suspension should be homogenized by shaking the bottle vigorously before use.

SPECIAL CLINICAL INFORMATION AND SPECIAL WARNINGS FOR TARGET SPECIES

Laboratory studies have shown no embryotoxic or teratogenic effects in rats and rabbits.

ADVERSE EFFECTS

After intramuscular administration, the injection site may experience tenderness, pain, and temporary swelling. The swelling observed has been reported to resolve within one to two weeks. Betalactams have side effects ranging from mild allergies to death in susceptible animals.

DRUG INTERACTIONS

Cephalosporin derivatives exhibit synergistic effects with aminoglycoside antibiotics. They should not be used in combination with bacteriostatic antibiotics.

SYMPTOMS OF OVERDOSE, PRECAUTIONS AND ANTIDOTE

Cefovil Injectable Suspension has no undesirable side effects at the recommended doses and duration of use. The toxicity of cefquinome is very low. It has been reported that even 10 times the normal dose is tolerated in target species.

WITHDRAWAL PERIODS

Meat: 5 days.

Milk: 1 day (2 milkings).

CONTRAINDICATIONS

It should not be used in animals sensitive to beta-lactam antibiotics, as they are also sensitive to cephalosporins in this group. IM administration may cause pain and suffering. It should not be used in animals with severe renal impairment.

GENERAL WARNINGS

Consult a veterinarian before use and if any unexpected effects occur. Keep out of reach of children.

PRECAUTIONS TO BE TAKEN BY THE ADMINISTRATOR AND WARNINGS FOR VETERINARY SURGEON

Avoid contact with the product and wash your hands after use. Individuals known to be sensitive to penicillins and cephalosporins should avoid contact with the product. If sensitive people experience symptoms such as swelling of the face, eyes, or lips, or difficulty breathing following exposure to the medication by mouth, skin, or inhalation, immediate medical attention is required. In such cases, consult a doctor and show the medication and label.

STORAGE CONDITIONS AND SHELF LIFE

It should be stored in the original packages, protected from light, and below 25°C, without being placed in the refrigerator or freezer. The shelf life is 2 years.

DISPOSAL AFTER USE AND WARNINGS FOR NON-TARGET SPECIES

Used or remaining product should be disposed of according to the relevant regulations.

COMMERCIAL PRESENTATION FORM

50 ml and 100 ml colorless glass vials with cardboard boxes.

PLACE AND CONDITIONS OF SALE

It is sold in pharmacies and veterinary clinics with a veterinarian's prescription. (VHP)

APPROVAL DATE OF LEAFLET: 26.12.2006

MARKETING AUTHORIZATION DATE AND NO: 09.11.2006 – 017/0009

NAME AND ADDRESS OF MARKETING AUTHORIZATION HOLDER

VİLSAN Veteriner İlaçları Tic. Ve San. A.Ş.

Balıkhisar Mah. Balıkhisar Köyiçi Küme Evleri No: 765A Akyurt/Ankara – Türkiye

MANUFACTURER COMPANY

VİLSAN Veteriner İlaçları Tic. Ve San. A.Ş.

Balıkhisar Mah. Balıkhisar Köyiçi Küme Evleri No: 765A Akyurt/Ankara – Türkiye

Made in Türkiye

Box

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